SAMSUNG

BD-F5100

Blu-ray™ Disc Player

user manual

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ENGLISH

Safety Information

Warning

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.	**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

Blu-ray Disc Player USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE Blu-ray Disc Player CORRECTLY AS INSTRUCTED.

CAUTION

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

This product satisfies CE regulations when shielded cables and connectors are used to connect the unit to other equipment.
To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a molded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug.
If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same color as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.

To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

The product unit accompanying this user manual is licenced under certain intellectual property rights of certain third parties.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION :

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Disc Storage & Management

- Holding Discs
  - Fingerprints or scratches on a disc may reduce sound and picture quality or cause skipping

  - Avoid touching the surface of a disc where data has been recorded.
  - Hold the disc by the edges so that fingerprints will not get on the surface.
  - Do not stick paper or tape on the disc.
- Cleaning Discs
  - If you get fingerprints or dirt on a disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

  - When cleaning, wipe gently from the inside to the outside of the disc.
- Disc Storage
  - Do not keep in direct sunlight.
  - Keep in a cool ventilated area.
  - Keep in a clean protection jacket and store vertically.

Handling Cautions

- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.
- Do not plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
- Maintenance of Cabinet.
  - Before connecting other components to this player, be sure to turn them off.
  - If you move your player suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the player, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.
- If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service centre for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

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Getting Started

Before using the User Manual

Disc Types and Contents your player can play

Media	Disc Type	Details
VIDEO	Blu-ray Disc	BD-ROM or BD-RE/-R recorded in the BD-RE format.
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO, recorded DVD+RW/DVD-RW(V)/DVD-R/+R that have been recorded and finalized, or a USB storage media containing DivX, MKV or MP4 contents.
MUSIC	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Music recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing MP3 or WMA contents.
PHOTO	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Photos recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing JPEG contents.

✎ NOTES

- The player may not play certain CD-RW/-R and DVD-R because of the disc type or recording conditions.
- If a DVD-RW/-R has not been recorded properly in DVD video format, it will not be playable.
- Your player will not play content that has been recorded on a DVD-R at a bit-rate that exceeds 10 Mbps.
- Your player will not play content that has been recorded on a BD-R or USB device at a bit rate that exceeds 25 Mbps.
- Playback may not work for some types of discs, or when you use specific functions, such as angle change and aspect ratio adjustment. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- When you play a BD-J title, loading may take longer than a normal title or some functions may perform slowly.

Disc types your player cannot play

- HD DVD
- DVD-ROM/PD/MV, etc
- DVD-RAM
- Super Audio CD (except CD layer)
- DVD-RW (VR mode)
- CVD/CD-ROM/CDV/CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- 3.9 GB DVD-R for Authoring.

Region Code

Both players and discs are coded by region.

These regional codes must match for a disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is displayed on the rear panel of the player.

Disc Type	Region Code	Area
Blu-ray Disc	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
	B	Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
	C	India, China, Russia, Central and South Asia.
DVD-VIDEO	1	The U.S., U.S. territories and Canada
	2	Europe, Japan, the Middle East, Egypt, South Africa, Greenland
	3	Taiwan, Korea, the Philippines, Indonesia, Hong Kong
	4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
	5	Russia, Eastern Europe, India, most of Africa, North Korea, Mongolia
	6	China

Logos of Discs the player can play

Blu-ray Disc	BD-LIVE
DivX	PAL broadcast System in U.K., France, Germany, etc.

Supported File Formats

Notes on the USB connection

- Your player supports USB storage media, MP3 players, digital cameras, and USB card readers.
- The player does not support folder or file names longer than 128 characters.
- Some USB/External HDD/digital camera devices may not be compatible with the player.
- Your player supports the FAT16, FAT32, and NTFS file systems.
- Connect USB devices directly to the player's USB port. Connecting through a USB cable may cause compatibility problems.
- Inserting more than one memory device into a multi-card reader may cause the reader to operate improperly.
- The player does not support the PTP protocol.
- Do not disconnect a USB device during a "loading" process.
- The bigger the image resolution, the longer the image takes to display.
- This player cannot play MP3 files with DRM (Digital Rights Management) downloaded from commercial sites.

- Your player only supports video with a frame rate under 30fps (frames per second).
- Your player only supports USB Mass Storage Class (MSC) devices such as thumb drives and USB HDD. (HUB is not supported.)
- Certain USB HDD Devices, multi-card readers and thumb drives may not be compatible with this player.
- If some USB devices require excessive power, they may be limited by the circuit safety device.
- If playback from a USB HDD is unstable, provide additional power by plugging the HDD into a wall socket.
  If the problem continues, contact the USB HDD manufacturer.
- You must remove the USB storage device safely by performing the "**Safely Remove USB**" function to prevent possible damage to the USB memory.
  Press the **HOME** button to move to the home screen, press the **YELLOW (C)** button, and then press the button.
- SAMSUNG is not responsible for any data file damage or data loss.
- Your player does not support NTFS compressed files, sparse files, or encrypted files.
- You can repair or format a USB device on your Desktop PC. (MS-Windows OS only)

Video File Support

File Extension	Container	Video Codec	Audio Codec	Resolution
*.avi	AVI	DivX 3.11/4.x/5.x/6.1	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

- **Limitations**
  - Even when a file is encoded by a supported codec listed above, the file might not be played if its content has a problem.
  - Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
  - Files having a higher Bit rate/frame rate than standard may stutter during sound/video playback.
  - The Seek (skip) function is not available if the file's index table is damaged.
- **Video decoder**
  - Supports up to H.264 Level 4.1 and AVCHD
  - Does not support H.264 FMO/ASO/RS and VC1 SP/MP/AP L4
  - MPEG4 SP, ASP :
    Below 1280 x 720 : 60 frames max
    Above 1280 x 720 : 30 frames max
  - Does not support GMC 2 or higher
- **Audio decoder**
  - Supports WMA 7, 8, 9 and STD
  - Does not support WMA sampling rate of 22050Hz mono.
  - AAC: Max sampling rate: 96Khz (8, 11, 12, 16, 22,24, 32,44.1, 48, 64, 88.2, 96)
    Max bit rate: 320kbps

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit-rates from 5kbps to 355kbps

Picture File Support

File Extension	Type	Resolution
*.jpg *.jpeg *.jpe	JPEG	15360x8640
*.png	PNG	15360x8640

AVCHD (Advanced Video Codec High Definition)

- This player can play back AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format compresses images with greater efficiency than the conventional image compressing format.
- Some AVCHD discs use the “x.v.Color” format. This player can play back AVCHD discs that use “x.v.Color” format.
- “x.v.Color” is a trademark of Sony Corporation.
- “AVCHD” and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co., Ltd. and Sony Corporation.

✎ NOTES

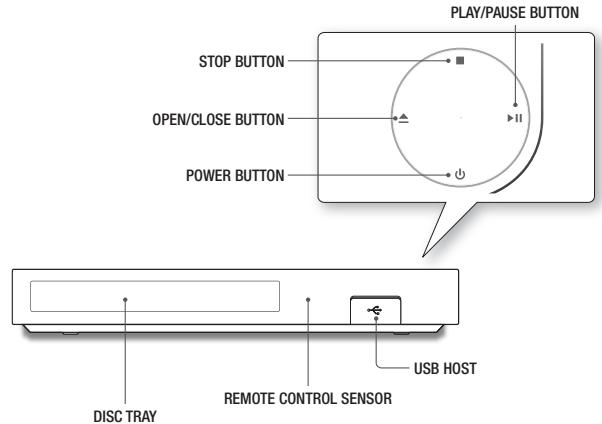
- Some AVCHD format discs may not play, depending on the recording condition. AVCHD format discs need to be finalized.
- “x.v.Color” offers a wider color range than normal DVD camcorder discs.
- Some DivX, MKV and MP4 format discs may not play, depending on the video resolution and frame rate condition.

Accessories

Check for the supplied accessories shown below.

HDMI Cable	Batteries for Remote Control (AAA Size)	User Manual	Remote Control

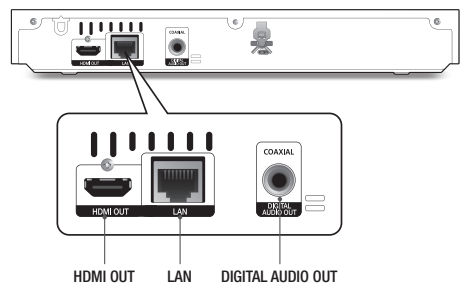
Front Panel



✎ NOTES

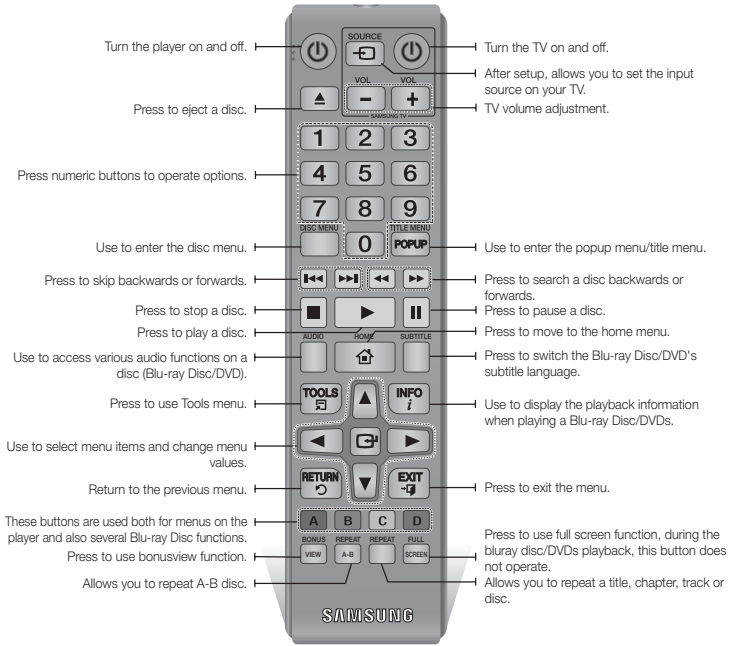
- When the player displays the Blu-ray Disc menu, you cannot start the movie by pressing the Play button on the player or the remote. To play the movie, you must select Play Movie or Start in the disc menu, and then press the button.
- You can perform software upgrades using the USB Host jack with a USB flash memory stick only.

Rear Panel

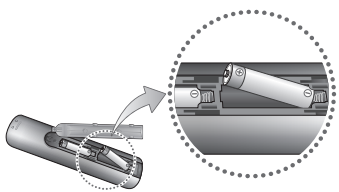


Remote Control

Tour of the Remote Control



Installing batteries



✎ NOTES

- If the remote does not operate properly:
  - Check the polarity (+/–) of the batteries.
  - Check if the batteries are drained.
  - Check if the remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

! CAUTION

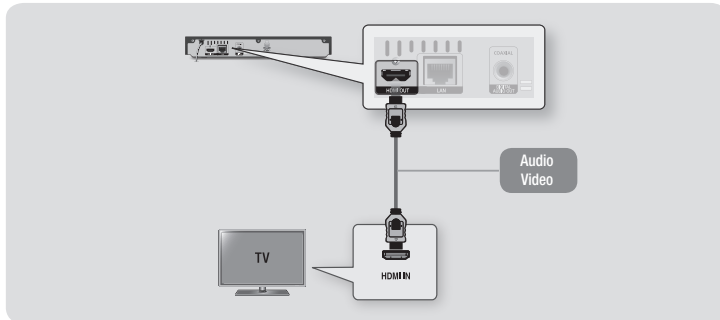
- Dispose of batteries according to local environmental regulations. Do not put them in the household trash.

Connections

Connecting to a TV

Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your TV.

- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.



✎ NOTES

- If you use an HDMI-to-DVI cable to connect to your display device, you must also connect the Digital Audio Out on the player to an audio system to hear audio.
- An HDMI cable outputs digital video and audio, so you don't need to connect an audio cable.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the player to your TV using the HDMI cable or to a new TV, and then turn it on for the first time, the player automatically sets the HDMI output resolution to the highest supported by the TV.
- A long HDMI cable may cause screen noise. If this occurs, set HDMI Deep Color to Off in the menu.
- To view video in the HDMI 720p, 1080i, or 1080p output mode, you must use a High speed (category 2) HDMI cable.
- HDMI outputs only a pure digital signal to the TV.
  If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

Connecting to an Audio System

You can connect the Blu-ray player to an audio system using one of the methods illustrated below.

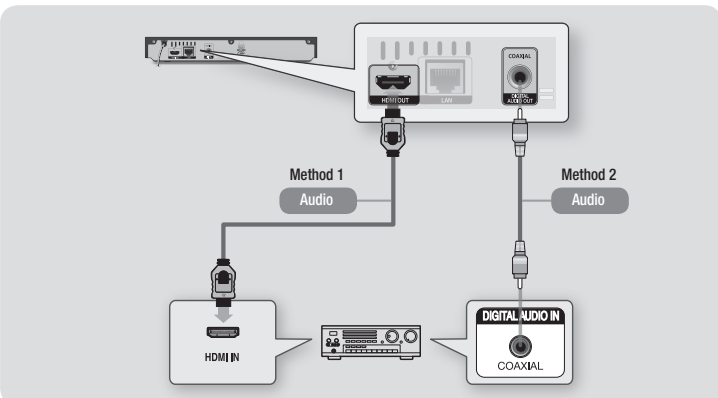
- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.

Method 1 Connecting to an HDMI supported AV receiver

- Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your receiver.
- Best quality (Recommended)

Method 2 Connecting to an AV receiver with Dolby Digital or a DTS decoder

- Using a digital Coaxial cable (not supplied), connect the Coaxial Digital Audio Out jack on the product to the Digital Coaxial In jack of the receiver.
- Good quality
- You will hear sound only through the front two speakers with Digital Output set to PCM.

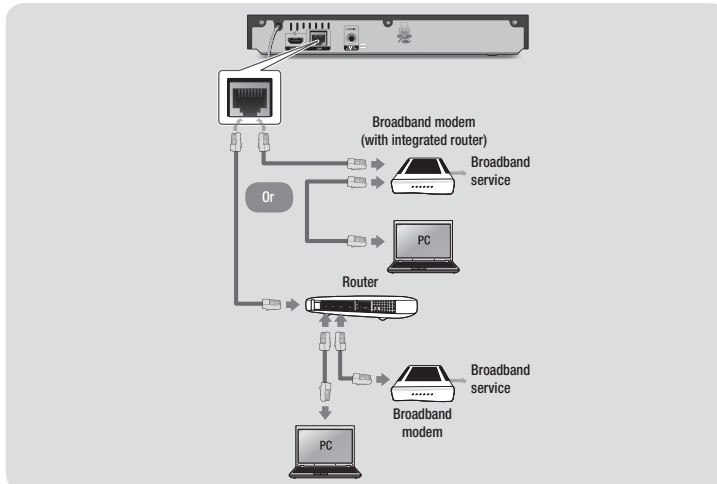


Connecting to a Network Router

You can connect your player to your network router using one of the methods illustrated below.

To use the DLNA network functionality, you must connect your PC to your network as shown in the illustrations.

Wired Network



✎ NOTES

- Internet access to Samsung's software update server may not be allowed, depending on the router you use or your ISP's policy. For more information, contact your ISP (Internet Service Provider).
- DSL users, please use a router to make a network connection.

Settings

The Initial Settings Procedure

- The Home screen will not appear if you do not configure the initial settings.
- The OSD (On Screen Display) may change in this player after you upgrade the software version.
- The access steps may differ depending on the menu you selected.
- After the loading process of this product is finished, the panel buttons and remote control can be operated.

The Initial Settings Procedure lets you set the OSD and menu languages, configure the connection to your home network, and choose the aspect ratio output (screen size and format) that is correct for your TV.

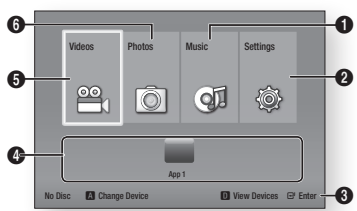
✎ NOTES

- The Home menu will not appear if you do not configure the initial settings except as noted below.
- If you press the **BLUE (D)** button during network setup, you can access the Home menu even if the network setup is not completed yet.
- When you return to the Home menu, the full screen mode is cancelled automatically.
- If you want to display the Initial Setting screen again to make changes, press the ■ button on the front panel of the player for more than 5 seconds with no disc inserted. This resets the player to its default settings.
- After the initial settings process is complete. you can operate the HDMI-CEC function.
- If you want to use the Anynet+(HDMI-CEC) function to aid in the initial set up process, please follow the instructions below.
  1) Connect the player to an Anynet+(HDMI-CEC) compliant Samsung TV using HDMI Cable.
  2) Set the Anynet+(HDMI-CEC) feature to On in both the TV and the player.
  3) Set the TV to the Initial Settings Procedure.
- If you leave the player in the stop mode for more than 5 minutes without using it, a screen saver will appear on your TV. If the player is left in the screen saver mode for more than 25 minutes, the power will automatically turn off.

Menu Navigation

❶	**HOME** Button : Press to move to the Home menu.
❷	**RETURN** Button : Return to the previous menu.
❸	**(Enter) / DIRECTION** Button : Move the cursor or select an item. Activate the currently selected item. Confirm a setting.
❹	**EXIT** Button : Press to exit the current menu.

- Home Menu



❶	Selects Music.
❷	Selects Settings.
❸	Displays the buttons you can use on the remote to access functions.
❹	Selects applications.
❺	Selects Videos.
❻	Selects Photos.

✎ NOTES

- The Videos, Photos, and Music options require that you have an appropriate disc inserted into the player or a USB flash device attached to the player.

Accessing the Settings Menu

To access the Settings menu and sub-menus, follow these steps:

1. Press the **POWER** button.
   The Home Menu appears.
2. Press the ◄► buttons to select **Settings**, and then press the ⏎ button.
3. Press the ▲▼ buttons to select the desired submenu, and then press the ⏎ button.
4. Press the ▲▼ buttons to select the desired item, and then press the ⏎ button.
5. Press the **EXIT** button to exit the menu.

✎ NOTES

- The access steps may differ depending on the menu you selected. The OSD (On Screen Display) may change in this player after you upgrade the software version.

Display Settings

You can configure various display options such as the TV Aspect Ratio, Resolution, etc.

TV Aspect Ratio

Depending on the type of television you have, you may want to adjust the screen size setting.

✎ NOTES

- Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio and option which is different than the aspect ratio of your TV screen, the picture might appear to be distorted.

BD Wise (Samsung TVs only)

BD Wise is Samsung's latest inter-connectivity feature. When you connect a Samsung player and a Samsung TV with BD Wise to each other via HDMI, and BD Wise is on in both the player and TV, the player outputs video at the video resolution and frame rate of the Blu-ray Disc/DVDs.

✎ NOTES

- When BD Wise is on, the Resolution setting automatically defaults to BD Wise and BD Wise appears in the Resolution menu.
- If the player is connected to a device that does not support BD Wise, you can not use the BD Wise function.
- For proper operation of BD Wise, set the BD Wise menu of both the player and the TV to **On**.

Resolution

Lets you set the output resolution of the HDMI video signal to Auto, 1080p, 1080i, 720p or 576p/480p. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher the quality.

Resolution according to the output mode

- **Blu-ray Disc/E-contents/Digital Contents playback**

Output / Setup	HDMI / connected	
	HDMI Mode	
	Blu-ray Disc	E-contents/ Digital contents
BD Wise	Resolution of Blu-ray Disc	1080p
Auto	Max. Resolution of TV input	Max. Resolution of TV input
1080@60F (Movie Frame : Off)	1080@60F	1080@60F
Movie Frame : Auto (24Fs)	1080@24F	1080@24F
1080i	1080i	1080i
720p	720p	720p
576p/480p	576p/480p	576p/480p

- **DVD playback**

Output / Setup	HDMI / connected
	HDMI Mode
BD Wise	576i/480i
Auto	Max. Resolution of TV input
1080p	1080p
1080i	1080i
720p	720p
576p/480p	576p/480p

✎ NOTES

- If the TV you connected to the player does not support Movie Frame or the resolution you selected, the message "If no pictures are shown after selecting 'Yes', please wait for 15 seconds to return to the previous resolution. Do you want to change the resolution?" appears. If you select Yes, the TV's screen will go blank for 15 seconds, and then the resolution will revert to the previous resolution automatically.
- If the screen stays blank after you have changed the resolution, remove all discs, and then press and hold the ■ button on the front of the player for more than 5 seconds. All settings are restored to the factory default. Follow the steps on the previous page to access each mode and select the Display Setup that your TV will support.
- When the factory default settings are restored, all stored user BD data is deleted.
- The Blu-ray Disc must have the 24 frame feature for the player to use the Movie Frame (24Fs) mode.

Movie Frame (24Fs)

Setting the Movie Frame (24Fs) feature to Auto allows you to adjust the player's HDMI output to 24 frames per second for improved picture quality.
You can enjoy the Movie Frame (24Fs) feature only on a TV supporting this frame rate. You can select Movie Frame only when the player is in the HDMI 1080p output resolution mode.

HDMI Color Format

Lets you set the color space format for HDMI output to match the capabilities of the connected device (TV, monitor, etc).

HDMI Deep Color

Lets you output video from the HDMI OUT jack with Deep Color. Deep Color provides more accurate color reproduction with greater color depth.

Progressive Mode

Lets you improve picture quality when viewing DVDs.

Audio Settings

Digital Output

Lets you select the digital audio output format that is suitable for your TV or AV Receiver. For more details, please refer to the Digital Output Selection table.

Digital Output Selection

Setup		PCM		Bitstream (Unprocessed)		Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI Receiver	Coaxial	HDMI Receiver	Coaxial	HDMI Receiver or Coaxial	HDMI supported AV receiver or Coaxial
Audio Stream on Blu-ray Disc	PCM	Up to 7.1ch	PCM 2ch	PCM	PCM 2ch	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital Plus	PCM 2ch	PCM 2ch	Dolby Digital Plus	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby TrueHD	PCM 2ch	PCM 2ch	Dolby TrueHD	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD High Resolution Audio	PCM 2ch	PCM 2ch	DTS-HD High Resolution Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD Master Audio	PCM 2ch	PCM 2ch	DTS-HD Master Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	DTS	DTS
Definition for Blu-ray Disc	Any	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects.		Outputs only main feature audio stream so that your AV receiver can decode the audio bitstream. You will not hear BONUSVIEW audio and Navigation Sound Effects.		Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into DTS bitstream	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into Dolby Digital bitstream

* If Source Stream is 2ch, "Re-encoded Dolby D" Settings are not applied.

Blu-ray Discs may include three audio streams :

- Main Feature Audio : The audio soundtrack of the main feature.
- BONUSVIEW audio : An additional soundtrack such as the director or actor's commentary.
- Navigation Sound Effects : When you choose a menu navigation selection, a Navigation Sound Effect may sound. Navigation Sound Effects are different on each Blu-ray Disc.

✎ NOTES

- Be sure to select the correct Digital Output or you will hear no sound or just loud noise.
- If the HDMI device (AV receiver, TV) is not compatible with compressed formats (Dolby Digital, DTS), the audio signal outputs as PCM.
- Regular DVDs do not have BONUSVIEW audio and Navigation Sound Effects.
- Some Blu-ray Discs do not have BONUSVIEW audio and Navigation Sound Effects.
- If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of your Digital Output selections (PCM or Bitstream).
- If your TV is not compatible with compressed multi-channel formats (Dolby Digital, DTS), the player may output PCM 2ch downmixed audio even though you selected Bitstream (either Re-encoded or Unprocessed) in the setup menu.
- If your TV is not compatible with PCM sampling rates over 48kHz, the player may output 48kHz downsampled PCM audio even though you set PCM Downsampling to **Off**.

PCM Downsampling

Lets you choose to have 96KHz PCM signals downsampled to 48KHz before they are outputted to an amplifier. Choose only if your amplifier or receiver is not compatible with a 96KHz signal.

Dynamic Range Control

Lets you apply dynamic range control to Dolby Digital, Dolby Digital Plus, and Dolby True HD audio.

- **Auto** : Automatically controls the dynamic range of Dolby TrueHD audio, based on information in the Dolby TrueHD soundtrack.
  Also turns dynamic range control on for Dolby Digital and Dolby Digital Plus.
- **Off** : Leaves the dynamic range uncompressed, letting you hear the original sound.
- **On** : Turns dynamic range control on for all three Dolby formats. Quieter sounds are made louder and the volume of loud sounds is reduced.

Downmixing Mode

Lets you select the multi-channel downmix method that is compatible with your stereo system. You can choose to have the player downmix to normal stereo or to surround compatible stereo.

Network Settings

Please contact your ISP to find out if your IP address is static or dynamic. If it is dynamic - and most are - we recommend using the Auto procedure for network setup. This is easiest and will work in the majority of cases. If it is static, you must use the manual set up procedure.

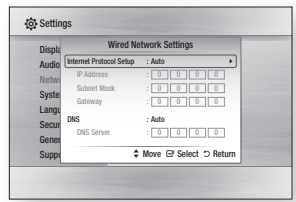
Network setup directions start below.

✎ NOTES

- This unit can only be connected to a Network via a wired connection.

Wired Network Settings

1. In the Home menu, press the ◄► buttons to select **Settings**, and then press the ⏎ button.
2. Press the ▲▼ buttons to select **Network**, and then press the ⏎ button.
3. Press the ▲▼ buttons to select **Wired Network Settings**, and then press the ⏎ button. The Wired Network Settings screen appears.



4. In the Internet Protocol Setup field, select Auto if it is not selected. (Press ⏎ select **Auto**, and then press ⏎.)
5. The Auto Function acquires and fills in the values for **IP Address**, **Subnet Mask**, etc., automatically.

✎ NOTES

- This process can take up to five minutes.

6. After the Network Function has acquired the network values, press the **RETURN** button.
7. Select **Network Test**, and then press ⏎ to ensure the player has connected to your network.
8. When the Network Test is complete, press the **RETURN** twice to return to the Main Menu.
9. If the Network Function does not acquire the network values, go to the directions for Manual Setup.

Manual Network Setup

Before you start manual network setup, you need the network setting values.

To enter the Network Settings into your player, follow these steps:

1. In the Home menu, press the ◄► buttons to select **Settings**, and then press the ⏎ button.
2. Press the ▲▼ buttons to select **Network**, and then press the ⏎ button.
3. Press the ▲▼ buttons to select **Wired Network Settings**, and then press the ⏎ button. The Wired Network Settings screen appears.
4. Select the Internet Protocol Setup field, and then press the ⏎ button.
5. Press the ▲▼ buttons to select **Manual**, and then press the ⏎ button.
6. Press the ▼ button to go to the first entry field (IP Address).
7. Use the number buttons on your remote to enter numbers.
8. When done with each field, use the ► button to move to the next field. You can also use the other arrow buttons to move up, down, and back.
9. Enter the **IP Address**, **Subnet Mask**, and **Gateway** values in the same way.
10. Press the ▼ button to go to **DNS**.

11. Press the ▼ button to go to the first DNS entry field.
12. Enter the numbers as above.
13. Press the Return button on your remote.
14. Run a Network Test to ensure the player has connected to your network.

Network Test

Use this menu item to check whether your network connection is working or not.

Network Status

Use to check whether a connection to a network and the Internet has been established.

BD-Live Internet Connection

Set to allow or prohibit an Internet connection when you use the BD-LIVE service.

- **Allow (All)** : The Internet connection is allowed for all BD-LIVE contents.
- **Allow (Valid Only)** : The Internet connection is allowed only for BD-LIVE contents containing a valid certificate.
- **Prohibit** : No Internet connection is allowed for any BD-LIVE content.

✎ NOTES

- **What is a valid certificate?**
  When the player uses BD-LIVE to send the disc data and a request to the server to certify the disc, the server uses the transmitted data to check if the disc is valid and sends the certificate back to the player.
- The Internet connection may be restricted while you are using BD-LIVE contents.

Using BD-LIVE™

Once the player is connected to the network, you can enjoy various movie-related service contents using a BD-LIVE compliant disc.

1. Attach a USB memory stick to the USB jack on the front of the player, and then check its remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Insert a Blu-ray Disc that supports BD-LIVE.
3. Select an item from various BD-LIVE service contents provided by the disc manufacturer.

✎ NOTES

- The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

The DLNA Function

DLNA lets you play music, video, and photo files located in your PC or NAS on the player.

To use DLNA with your player, you must connect the player to your network.
(See pages 11~12).
To use DLNA with your PC, you must install DLNA software on your PC.

If you have NAS, you can use DLNA without any additional software.

To download DLNA software

1. Go to Samsung.com
2. Click Support, enter your player's product number in the field that appears, and then click Product.
3. On the next screen, click Get downloads under Downloads.
4. Click Software on the next page.
5. Click the icon in the DLNA line under File to start the download.

System Settings

Initial Settings

By using the Initial Settings function, you can set the language, Network Settings, etc.
For more information about the Initial Settings function, refer to the Initial Settings section of this user manual (page 9).

Quick Start

You can turn on the power quickly by decreasing the boot time.

✎ NOTES

- If this function is set to **On**, Standby power consumption will be increased.

Anynet+ (HDMI-CEC)

Anynet+ is a convenient function that offers linked operations with other Samsung players that have the Anynet+ feature.
To operate this function, connect this player to an Anynet+ Samsung TV with an HDMI cable. With Anynet+ on, you can operate this player using a Samsung TV remote control and start disc playback simply by pressing the **PLAY** (▶) button on the TV's remote control.
For more information, please see the TV user manual.

✎ NOTES

- This function is not available if the HDMI cable does not support CEC.
- If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.
- Depending on your TV, certain HDMI output resolutions may not work.
  Please refer to the user manual of your TV.
- After the product was turned off, disconnecting and connecting the power cable turns it on automatically. At the moment, it automatically turns off in about 15 seconds for re-establishing Anynet+ connection.
- For some TV products, if connected to this product with Anynet+ function, turning the TV on may display a warning popup message saying no connection was found. Still, Anynet+ connection is properly established and available to use.

BD Data Management

Enables you to manage the downloaded contents you accessed through a Blu-ray disc that supports the BD-LIVE service and stored on a flash drive.

You can check the device's information including the storage size, delete the BD data, or change the Flash memory device.

✎ NOTES

- In the external memory mode, disc playback may be stopped if you disconnect the USB device in the middle of playback.
- Your player supports the FAT16, FAT32, and NTFS file systems. We recommend you use USB devices that support USB 2.0 protocol with 4 MB/sec or faster read/write speed.
- The Resume Play function may not work after you format the storage device.
- The total memory available to BD Data Management may differ, depending on the conditions.

DivX® Video On Demand

View DivX® VOD Registration Codes to purchase and play DivX® VOD contents.

Language Settings

You can select the language you prefer for the Home menu, disc menu, audio, and subtitles.

✎ NOTES

- The selected language will only appear if it is supported on the disc.

Security Settings

When you access this function for the first time, the PIN setup screen appears. Enter a desired 4-digit PIN using the number buttons. (The default PIN is 0000.)

BD Parental Rating

Prevents playback of Blu-ray Discs with specific age ratings unless the 4 digit PIN is entered.

DVD Parental Rating

This function works in conjunction with DVDs that have been assigned an age rating or numeric rating that indicates the maturity level of the content. These numbers help you control the types of DVDs that your family can watch.

Select the rating level you want to set.
For example, if you select Level 6, discs rated above 6 - Level 7 and 8 - will not play.

A larger number indicates more mature content.

Change PIN

Change the 4-digit password used to access security functions.

If you forget your password

1. Remove any discs.
2. Press and hold the ■ button on the front panel for 5 seconds or more.
   All settings will revert to the factory settings.

✎ NOTES

- When the factory default settings are restored, all the user stored BD data will be deleted.

General Settings

Time Zone

Lets you specify the time zone that is applicable to your area.

Support Settings

Software Upgrade

The Software Upgrade menu allows you to upgrade the player's software for performance improvements or additional services.

By Online

To upgrade By Online, follow these steps:

1. Select **By Online**, and then press the button. The Connecting to Server message appears.
2. A popup message will appear if an update is available.
3. If you select **Yes**, download process started. (Never turn the player on during an upgrade.)
4. When the update is completed, the player will restart automatically.

✎ NOTES

- The Update is complete when the player turns off after restarting. Press the **POWER** button to turn on the updated player for your use.
- Never turn the player off or back on manually during the update process.
- Samsung Electronics takes no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during a software upgrade.
- No disc should be in the product when you upgrade the software by Online.

By USB

To upgrade by USB, follow these steps:

1. Visit www.samsung.com/bluraysupport.
2. Download the latest USB software upgrade zip archive to your computer.
3. Unzip the zip archive to your computer. You should have a single RUF file with the same name as the zip file.
4. Copy the RUF file to a USB flash drive.
5. Make sure there is no disc in the player, and then insert the USB flash drive into the USB port of the player.
6. In the player's menu, go to Settings > Support > Software Upgrade.
7. Select **By USB**.

✎ NOTES

- No disc should be in the product when you upgrade the software using the USB Host jack.
- When the software upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the software upgrade. It may cause the player to malfunction.
- Software upgrades using the USB Host jack must be performed with a USB flash memory stick only.

Auto Upgrade Notification

If you have connected the player to your network, and then set Auto Upgrade Notification on, the player automatically notifies you when a new software version is available for the player.

To set Auto Upgrade Notification on, follow these steps:

1. Select **Auto Upgrade Notification**, and then press the button.
2. Use the ▲▼ buttons to select **On**, and then press the button.

If there is a new software version available, the player notifies you with a popup message.

1. To upgrade the firmware, select **Yes** in the Pop-up. The player turns off automatically, then restarts, and begins the download. (Never turn the player on or off manually during an upgrade.)
2. The update progress popup appears.
3. When the update is complete, the player turns off again automatically.
4. Press the **POWER** button to turn on the player.

✎ NOTES

- The update is complete when the player turns off after restarting. Press the **POWER** button to turn on the updated player for your use.
- Never turn the player off or on manually during the update process.
- Samsung Electronics takes no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during software upgrade.

Contact Samsung

Provides contact information for assistance with your player.

Terms of Service Agreement

Lets you view the general disclaimer regarding third party contents and services.

Reset

Returns all settings to their factory defaults except for the network settings.

Media Play

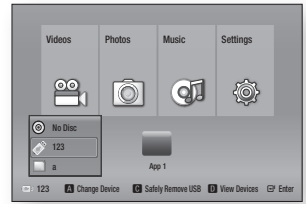
Playing a Commercially Recorded Disc

1. Press the button to open the disc tray.
2. Place a disc gently into the disc tray with the disc's label facing up.
3. Press the button to close the disc tray. Playback starts automatically.

Playing Files on a USB Device

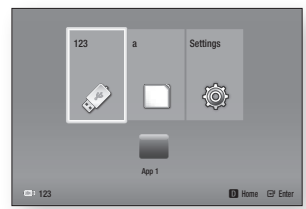
You can play multimedia files located on a USB storage device.

1. Move to the Home menu.
2. In Stop mode, connect the USB storage device to the USB port on the front panel of the player.
   The message “Do you want to access the device?” is displayed.
3. Press the ◄► button to select **Yes**, and then press the button.
4. If you have a disc in the Blu-ray player, press the **RED (A)** or **BLUE (D)** button.
   If you do not, go to **Step 6**.
   If you pressed the **RED (A)** button, go to **Step 5**.
   If you pressed the **BLUE (D)** button, go to **Step 4-1**.
5. Press the ▲▼ buttons to select **USB**, and then press the button.



6. Press the ◄► buttons to select Videos, Music, or Photos, and then press the button. Go to **Step 7**.

4-1. If you pressed the **BLUE (D)** button, the screen below appears. Go to **Step 5-1**.



5-1. Press the ◄► buttons to select **USB**, then press the button.

6-1. Press the ▲▼ buttons to select Videos, Music or Photos, and then press the button.

7. A screen appears listing the contents of the device. Depending on how the contents are arranged, you will see either folders, individual files, or both.
8. If necessary, use the ▲▼◄►buttons to select a folder, and then press the button.

9. Use the ◄►▲▼ buttons to select a file to view or play, and then press the button.

✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 6 or Step 6-1.
  For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Home screen and repeating Step 4.

10. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen. Press the **EXIT** button to return directly to the Home Screen.

✎ NOTES

- You must remove the USB storage device safely by performing the "Safely Remove USB" function in order to prevent possible damage to the USB memory. Press the **HOME** button to move to the Home menu, select the **YELLOW (C)** button, and then press the button.
- If you insert a disc when playing a USB storage device, the device mode changes to Blu-ray, DVD or CD automatically.

Playing a Disc with User Recorded Content

You can play multimedia files you have recorded on Blu-ray, DVD, or CD discs.

1. Place a user recorded disc into the disc tray with the disc's label facing up, and then close the tray. The Device Connected pop-up appears.
2. Use the ◄► buttons to select the type of content you want to view or play - Videos, Photos, or Music - and then press the button.

✎ NOTES

- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 2. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Home screen and repeating Step 2.

3. A screen appears listing the contents of the disc. Depending on how the contents are arranged, you will see either folders, individual files, or both.
4. If necessary, use the ▲▼◄►buttons to select a folder, and then press the button.
5. Use the ◄►▲▼ buttons to select a file to view or play, and then press the button.
6. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen. Press the **EXIT** button to return directly to the Home Screen.

Playing Content Located in Your PC

To play content located in your PC on your Blu-ray disc player, you must connect the Blu-ray player to you network and install DLNA Software on your PC.

To Play Content From Your PC

1. Move to the Home menu
2. Press the **BLUE (D)** button on your remote (Device).
3. In the Device screen that appears, select your PC, and then press the button.
4. Use the ◄► buttons to select the type of content you want to view or play - Videos, Photos, or Music - and then press the button.

✎ NOTES

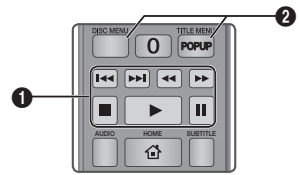
- Even though the player will display folders for all content types, it will only display files of the Content Type you selected in Step 4. For example, if you selected music, you will only be able to see music files. You can change this selection by returning to the Home screen and repeating Step 4.

5. A screen appears listing the contents of the PC. Depending on how the contents are arranged, you will see either folders, individual files, or both.
6. If necessary, use the ▲▼◄►buttons to select a folder, and then press the button.
7. Use the ◄►▲▼ buttons to select a file to view or play, and then press the button.
8. Press the **RETURN** button one or more times to exit a current screen, exit a folder, or to return to the Home screen. Press the **EXIT** button to return directly to the Home Screen.

Controlling Video Playback

You can control the playback of video content located on a Blu-ray disc, DVD, CD, USB device, or you computer. Depending on the media, some of the functions described in this manual may not be available.

Buttons on the Remote Control used for Video Playback



1 Playback related buttons

The player does not play sound in Search, Slow or Step mode.

- To return to normal speed playback, press the ▶ button.

▶ button	Starts playback.
■ button	Stops playback.
❚❚ button	Pauses playback.
Fast Motion Play	During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
Slow Motion Play	In pause mode, press the ▶▶ button. Each time you press the ▶▶ button, the playback speed will change.
Step Motion Play	In pause mode, press the ❚❚ button. Each time you press the ❚❚ button, a new frame appears.
Skip Motion Play	During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the disc moves to the previous or next chapter or file.

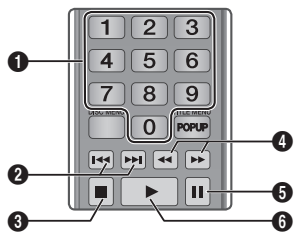
2 Using the disc menu, title menu, popup menu, and title list

DISC MENU button	During playback, press this button to start the disc menu function.
TITLE MENU button	During playback, press this button to start the title menu function.
POPUP MENU button	During playback, press this button to start the popup menu function.

Controlling Music Playback

You can control the playback of music located on a Blu-ray disc, DVD, CD, USB device, or your computer.

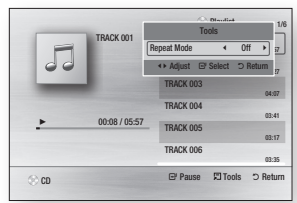
Buttons on the Remote Control used for Music Playback



❶	**NUMBER** buttons **(Audio CD (CD-DA) only)** : During Playlist playback, press the desired track number. The selected track is played.
❷	**Skip** : During playback, press the ◀◀ or ▶▶ button to move to the previous or next file of the playlist.
❸	■ button : Stops a track.
❹	**Fast Play (Audio CD (CD-DA) only)** During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
❺	**Pause** : Pauses a track.
❻	▶ button : Plays the currently selected track.

Repeat an Audio CD (CD-DA)/ MP3

1. During Playlist playback, press the **TOOLS** button.



2. Press the ◀▶ buttons to select **Track**, **All**, **Shuffle**, or **Off**.
3. Press the ⏎ button.

Off	Songs are played in the order in which they were recorded.
(⟲) Track	The current song is repeated.
(⟲) All	All songs are repeated.
(⤮) Shuffle	Shuffle plays songs in random order.

Playlist

1. To move to the Music List, press the ■ or **RETURN** button.
   The Music List screen appears.

2. Press the ▲▼◀▶ buttons to move to a desired track, and then press the **YELLOW (C)** button. A check appears on the track.
   Repeat this procedure to select additional tracks.
3. To remove a track from the list, move to the track, and then press the **YELLOW (C)** button again.
   The check on the track is cancelled.

4. When done, press the button.
5. To change the play list, press the **Return** button to return to the Music List. Repeat Steps 2, 3, and 4.
6. To cancel the play list and return to the Home screen, press the **Return** or **Exit** button.

✎ NOTES

- You can create a playlist with up to 99 tracks on Audio CDs (CD-DA).
- If you remove all the tracks from a play list and then press the button, the player lists and plays all the tracks on the disc.

Playing Photo Contents

You can control the playback of photo content located on a Blu-ray disc, DVD, CD, USB device, or your computer.

Using the Tools Menu

During playback, press the **TOOLS** button.

Start Slide Show	Select to start the slide show.
Background Music	Select to listen to music while viewing a slide show.
Zoom	Select to enlarge the current picture. (Enlarge up to 4 times)
Rotate	Select to rotate the picture. (This will rotate the picture either clockwise or counter clockwise.)
Information	Shows the picture information.

✎ NOTES

- Depending on the disc or storage device, the Tools menu may differ.
- To enable the background music function, the photo file must be in the same storage media as the music file.
  However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo, and the encoding method.
- You can't enlarge the subtitle and PG graphic in the full screen mode.

Appendix

Troubleshooting

Before requesting service, please try the following solutions.

PROBLEM	SOLUTION
No operation can be performed with the remote control.	• Check the batteries in the remote control. They may need replacing. • Operate the remote control at a distance of no more than 6.1m from the player. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall batteries and try to operate the remote control again. • Press the ■ button (on front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • Press the ⏻ button (on front panel) for more than 5 seconds.
Disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the Blu-ray Disc/DVD.
Disc Menu does not appear.	• Ensure that the disc has disc menus.
The prohibition message appears on the screen.	• This message appears when an invalid button is pressed. • The Blu-ray Disc/DVD's software doesn't support the feature (e.g., angles). • You've requested a title or chapter number or search time that is out of range.
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your Blu-ray Disc/DVD. • This is not a problem with the player.
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.

PROBLEM	SOLUTION
The screen is blank.	• If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV. • Press the ■ button (on front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all stored user BD data is deleted.
Forgot password	• Press the ■ button (on front panel) for more than 5 seconds with no disc inside. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary. • When the factory default settings are restored, all stored user BD data is deleted.
The picture is noisy or distorted	• Make sure that the disc is not dirty or scratched. • Clean the disc.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the player. • Check if your TV supports 576p/480p, 720p, 1080i, or 1080p HDMI input resolutions.
Abnormal HDMI output screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
If you experience other problems.	• Go to the contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest Samsung authorised service centre.
DLNA function	
I can see folders shared through DLNA, but I cannot see the files.	• DLNAs shows only files corresponding to the Image, Music, and Movie categories. Files that do not correspond to these categories are not displayed.

PROBLEM	SOLUTION
Video is played intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is overloaded.
DLNA connection between Player and PC is unstable.	• The IP address under the same subnetwork should be unique. If they are not, IP interference can cause this phenomenon. • Check if you have a firewall enabled. If so, disable the firewall function.
BD-LIVE	
I cannot connect to the BD-LIVE server.	• Check whether the network connection is working or not by using the Network Status menu. • Check whether the USB memory device is connected to the player. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. • Check whether the BD-LIVE Internet Connection menu is set to Allow(All). • If all above fails, contact the contents provider or update the player to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management.

✎ NOTES

- When the factory default settings are restored, all stored user BD data is deleted.

Repairs

If you contact us to repair your player, an administration fee may be charged if either:

1. An engineer is called out to your home at your request and there is no defect in the product.
2. You bring the unit to a repair centre and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.
We recommend you read this manually thoroughly, search for a solution on line at www.samsung.com, or contact Samsung Customer Care before seeking to repair your player.

Specifications

General	Weight	1.0 Kg
	Dimensions	269 (W) X 193 (D) X 39 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
USB	Type A	USB 2.0
	DC output	5V 0.5A Max.
HDMI	Video	1080p, 1080i, 720p, 576p/480p
	Audio	PCM, Bitstream
Audio Output	Digital Audio Output	Coaxial
Network	Ethernet	100BASE - TX Terminal

- Network speeds equal to or below 10Mbps are not supported.
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the player.
- Weight and dimensions are approximate.

Compliance and Compatibility Notice

NOT ALL discs are compatible

- Subject to the restrictions described below and those noted throughout this Manual, including the Disc Type and Characteristics section of this user manual, disc types that can be played are: pre-recorded commercial BD-ROM, DVD-VIDEO, and Audio CD (CD-DA) discs; BD-RE/-R, DVD-RW/-R discs; and CD-RW/-R discs.
- Discs other than those listed above cannot be and are not intended to be played by this player. Some of the discs listed above may not play due to one or more reasons provided below.
- Samsung cannot assure that this player will play every disc bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos, and this player may not respond to all operating commands or operate all features of every disc. These and other disc compatibility and player operation issues with new and existing format discs are possible because:
  - Blu-ray is a new and evolving format and this player may not operate all features of Blu-ray Discs because some features may be optional, additional features may have been added to the Blu-ray Disc format after the production of this player, and certain available features may be subject to delayed availability;
  - not all new and existing disc format versions are supported by this player;
  - new and existing disc formats may be revised, changed, updated, improved and/or supplemented;
  - some discs are produced in a manner that allows specific or limited operation or restricts features during playback;
  - some discs bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos may still be non-standardized discs;
  - some discs may not be played depending on their physical state or recording conditions;
  - problems and errors can occur during the creation of Blu-ray Disc or DVD software and/or the manufacture of discs;
  - this player operates differently than a standard DVD player or other AV equipment; and/or
  - for reasons noted throughout this user manual and for other reason(s) discovered and posted by SAMSUNG customer care centre.
- If you encounter disc compatibility or player operation problems, please contact SAMSUNG customer care centre.
  You may also contact SAMSUNG customer care centre for possible updates on this player.
- For additional information on playback restrictions and disc compatibility, refer to the Precautions, Before Reading the user manual, Disc Types and Characteristics, and Before Playing sections of this user manual.

- **For Blu-ray Disc Player progressive scan output** : CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS product AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS product, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

Copy Protection

- Because AACS (Advanced Access Content System) is approved as the content protection system for the Blu-ray Disc format, similar to use of CSS (Content Scramble System) for the DVD format, certain restrictions are imposed on playback, analogue signal output, etc., of AACS protected contents.
  The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product. Furthermore, BD-ROM Mark and BD+ are additionally used as content protection systems for the Blu-ray Disc format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact SAMSUNG customer care centre.
- Many Blu-ray Disc/DVDs are encoded with copy protection. Because of this, you should only connect your Player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected Blu-ray Disc/DVDs.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorised recording, use, display, distribution, or revision of television programs, videotapes, Blu-ray Discs, DVDs, and other materials may subject you to civil and/or criminal liability.
- **Cinavia Notice** : This product uses Cinavia technology to limit the use of unauthorised copies of some commercially-produced film and videos and their soundtracks. When a prohibitet use of an unauthorised copy is detected, a message will be displayed and playback or copying will be interrupted. More information about Cinavia technology is provided at the Cinavia Online Consumer Information Centre at http://www.cinavia.com. To request additional information about Cinavia by email, send a postcard with your mailing address to: Cinavia Consumer Information Centre, P.O. Box 86851, San Diego CA, 92138, USA.
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- Manufactured under licence under U.S. Patent Nos: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol & DTS and the Symbol together are registered trademarks & DTS 2.0+Digital Out is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.

- DivX
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  - ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
  - DivX Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under licence.
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- Open Source Licence Notice
  - In the case of using open source software, Open Source Licences are available on the product menu.

- Blu-ray Disc™, Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association.

- DLNA®, the DLNA Logo and DLNA CERTIFIED® are trademarks, service marks, or certification marks of the Digital Living Network Alliance.

SAMSUNG

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Area	Contact Centre ☎	Web Site
▪ Asia Pacific		
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
CHINA	400-810-5858	www.samsung.com
HONG KONG	(852) 3698 4698	www.samsung.com/hk www.samsung.com/hk_en/
INDIA	1800 1100 11 3030 8282 1800 3000 8282 1800 266 8282	www.samsung.com
INDONESIA	0800-112-8888 021-5699-7777	www.samsung.com
MALAYSIA	1800-88-9999	www.samsung.com
PHILIPPINES	1-800-10-SAMSUNG(726-7864) for PLDT 1-800-3-SAMSUNG(726-7864) for Digitel 1-800-8-SAMSUNG(726-7864) for Globe 02-5805777	www.samsung.com
SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com
THAILAND	1800-29-3232 02-689-3232	www.samsung.com
TAIWAN	0800-329-999 0266-026-066	www.samsung.com
VIETNAM	1 800 588 889	www.samsung.com

Area	Contact Centre ☎	Web Site
▪ Middle East		
U.A.E	800-SAMSUNG (726-7864)	www.samsung.com
OMAN	800-SAMSUNG (726-7864)	www.samsung.com
KUWAIT	183-2255	www.samsung.com
BAHRAIN	8000-4726	www.samsung.com
Egypt	08000-726786	www.samsung.com
JORDAN	800-22273	www.samsung.com
IRAN	021-8255	www.samsung.com
Morocco	080 100 2255	www.samsung.com
Saudi Arabia	9200-21230	www.samsung.com
▪ Africa		
NIGERIA	0800-726-7864	www.samsung.com
Ghana	0800-10077 0302-200077	www.samsung.com
Cote D' Ivoire	8000 0077	www.samsung.com
Senegal	800-00-0077	www.samsung.com
Cameroon	7095- 0077	www.samsung.com
KENYA	0800 724 000	www.samsung.com
UGANDA	0800 300 300	www.samsung.com
TANZANIA	0685 88 99 00	www.samsung.com
SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com

ENERGY STAR

SAMSUNG

BD-F5100

Blu-ray™ Disc 播放机

用户手册

用影像记录一切可能

感谢您购买此款 Samsung 产品。
为了获得更完善的服务，请在以下网站中注册您的产品
www.samsung.com/register

中国语

安全信息

警告

为减少电击的危险，请勿卸下机盖（或背面机盖）。
内部没有用户可维修的部件。请让合格的维修人员进行维修

	注意 有电击的危险，请勿打开。	
三角形内的闪电和箭头是一个警告符号，提醒您产品内含“危险电压”。	注意: 为减少电击的危险，请勿卸下机盖（或背面机盖）。内部没有用户可维修 的部件。请让合格的维修人员进行维修。	三角形内的感叹号是一个警告符号， 提醒您产品随附的重要说明。

不要将本产品安装在狭窄的空间中，例如书橱或类似的装置中。

警告

为避免可能导致火患或电击危险的损害，
请勿将此产品放在在雨中或潮湿环境下。.

注意

Blu-ray 光盘播放机使用不可见的激光光线，如果被其直射，可能会处于危险的辐射之中。
请务必根据指示正确操作 Blu-ray 光盘播放机

注意

本产品使用激光。如果不按此处规定的控制、调校或操作过程进行操作，则可能会处于危险的辐 射之中。不要打开盖子，也不要自行修理。请让合格的人员进行维修。

当使用屏蔽电缆和接头将装置连接至其他设备时，本产品符合 CE 规定。要防止来自收音机和电视 等电子设备的电磁干扰，请使用屏蔽电缆和接头 进行连接。.

汉文	仅适用于海拔2000m以下地区安全使用。
蒙古文	《2000m ᠡᠴᠡ ᠳᠣᠣᠷᠠᠬᠢ ᠳᠠᠯᠠᠢ ᠶᠢᠨ ᠲᠦᠪᠰᠢᠨ ᠡᠴᠡ ᠳᠡᠭᠡᠭᠰᠢ ᠭᠠᠵᠠᠷ ᠤᠷᠤᠨ ᠳᠤ ᠵᠥᠪᠬᠡᠨ ᠠᠶᠤᠯᠭᠦᠢ ᠬᠡᠷᠡᠭᠯᠡᠨ᠎ᠡ ᠦᠦ》
藏文	“རྒྱ་མཚོའི་ངོས་ལས་མཐོ་ཚད་སྨི2000མན་གྱི་ས་ཁུལ་ཁོ་ནར་ཉེན་མེད་བེད་སྤྱོད་བྱས་འཐུས།
维文	دېڭىز يۈزىدىن 2000 مېتر تۆۋەن رايونلاردىلا بىخەتەر ئىشلەتكىلى بولىدۇ
壮文	Hai dou gaxgonq, wngdang sien duenh denvasen bae.

汉文	仅适用于非热带气候条件下安全使用。
蒙古文	《ᠬᠠᠯᠠᠭᠤᠨ ᠪᠦᠰᠡ ᠶᠢᠨ ᠪᠤᠰᠤ ᠠᠭᠤᠷ ᠠᠶᠠᠷ ᠤᠨ ᠨᠥᠬᠦᠴᠡᠯ ᠳᠦ ᠵᠥᠪᠬᠡᠨ ᠠᠶᠤᠯᠭᠦᠢ ᠬᠡᠷᠡᠭᠯᠡᠨ᠎ᠡ ᠦᠦ》
藏文	“ཚ་བའི་ས་ཁུལ་གྱི་གནམ་གཤིས་མིན་པའི་ས་ཁུལ་ཁོ་ནར་ཉེན་མེད་བེད་སྤྱོད་བྱས་འཐུས།”
维文	غەيرى ئىسسىق بەلباغ ھاۋا كىلىماتى شارائىتىدىلا بىخەتەر ئىشلەتكىلى بولىدۇ
壮文	Dan hab yungh youq gij dienheiq diuzgen mbouj dwg diegndat haenx ancienz sawjyungh.

重要说明

本设备的电源插头配备含保险丝的压模插头。保险丝的值在插头的插脚面指示。如果需要更换，必须使用经过 BS1362 核准的额定值相同的保险丝。

如果保险丝盖子可拆，那么在没有保险丝盖子的情况下，切勿使用插头。如果需要替换保险丝盖子，则其颜色必须与插头的插脚面颜色相同。替换盖子可向经销商购买。

如果插头不适合家中的电源点，或者电线不够长，不能连接到电源点，那么必须购买合适的获得安全批准的延长线，或者咨询经销商以获得帮助。

但是，如果除了剪断插头以外别无他法，请取出保险丝，然后安全地弃置插头。不要将插头连接至电源插孔，因为裸露的活动电线存在电击的风险。

要使装置与电源断开连接，必须从电源插座拔出插头，因此，电源插头必须易于操作。

附带提供本用户手册的产品装置获得特定第三方的特定知识产权许可。.

1 类激光产品

本压缩光盘播放器定为 1 类激光产品。如果您未按本手册的规定使用控制、调节或执行操作，则可能会遭受危险的激光辐射。.

注意：

- 打开产品后，会发出 3B 类可见或不可见激光辐射。应避免受到光束照射 (IEC 60825-1)
- 本产品使用激光。如果您未按本手册的规定使用控制、调节或执行操作，则可能会遭受危险的激光辐射不要打开护盖，也不要自行修理。请让合格的人员进行维修。

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

注意事项

重要安全说明

使用装置前请仔细阅读这些操作说明。请按照下面列出的安全说明操作。
请将这些操作说明妥善保管，以供将来参考.

1. 请阅读这些说明。
2. 请妥善保管这些说明。
3. 注意所有警告。
4. 请遵循所有说明。
5. 切勿在近水处使用本设备。
6. 清洁时只使用干布。
7. 请勿堵塞任何通风口。根据厂商说明进行安装。
8. 不要将本设备安装在任何靠近热源例如电暖炉、暖气片、电炉，或其它（包括 AV 接收器）会产生热气的设备。
9. 请勿忽略极化或接地型插头的安全保护用途。极化型插头具有两边，有一边较另一边宽。接地型插头具有两边和第三端接地插脚。该宽边或第三端插脚专为您的安全而提供。如果所提供的插头不适用于您的插座，请联系电工更换旧插座。
10. 保护电线以防践踏或被挤压，特别是插头处、便利插座处以及设备接出处的电线。
11. 只使用厂商指定的附加装置/附件。

12. 仅可使用厂商指定或随设备出售的运载车、支架、三脚架、支架或工作台。使用运载车时，请小心避免在移动运载车/设备组合时翻覆。

13. 在雷雨天气或长时间不用的情况下，请拔下本设备的插头。
14. 所有维修均应由合格的维修人员执行。设备在具有任何方式的损坏时需要维修服务，例如以下情况：电源线或插头损坏、设备内溅入液体或落入杂物、设备曾淋雨或浸水无法正常操作，或是跌落.

光盘储藏和管理

- 拿取光盘
  - 光盘上的指纹或划痕可能会降低声音和图像质量，或者导致跳过某些内容

  - 避免触摸已录有数据光盘的表面。
  - 拿取光盘的边缘，使得指纹不会留在表面上。
  - 不要在光盘上贴纸片或胶带.
- 清洁光盘
  - 如果光盘上有指纹或灰尘，请以用水稀释的温和清洁剂清洁，然后以柔软的布料擦拭。

  - 清洁时，请轻柔地从光盘内部到外部擦拭。
- 光盘储藏
  - 不要放在阳光直射处。
  - 应放在阴凉通风处。
  - 放在干净的保护套内并垂直存放。

处理注意事项

- 不要将本设备置于滴水或溅水的地方。不要将装有水的物件（如花瓶）放在装置上面。
- 在完全关闭本装置，必须将电源插头从墙上插座中拔出。因此，电源插头必须始终方便拔插。
- 不要将多个电子设备插入到同一个墙上插座中。插座过载会导致它过热，从而导致火灾。
- 机壳维护。
  - 在将其它组件连接到播放器之前，请务必先将其它组件关闭。
  - 如果突然将播放器从很冷的地方移到很暖和的地方，操作部件和镜头可能会产生冷凝，从而导致光盘播放异常。如果发生这种情况，请将播放器断电并等待两个小时，然后再将插头连接至电源插座。然后插入光盘并再次尝试播放。
- 如果产生发出异常噪声或发出烧焦味或冒烟，请立即关闭电源开关，并从墙上插座拔下电源插头。然后，与您最近的客户服务中心联系，以获得技术协助。不要使用产品。照常使用产品可能会导致火灾或电击。

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开始使用

在使用用户手册之前

播放器可播放的光盘类型和内容

媒体	光盘类型	详细信息
视频	Blu-ray 光盘	以 BD-RE 格式录制的 BD-ROM 或 BD-RE/-R。
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO、已录制且已最终化的已录制 DVD+RW/DVD-RW(V)/ DVD-R/+R，或者包含 DivX、MKV、MP4 内容的 USB 存储介质。
音乐	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 存储介质上录制的包含 MP3 或 WMA 内容的音乐。
照片	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 存储介质上录制的包含 JPEG 内容的照片。

✎ 注意

- 由于光盘类型或录制条件，播放器可能无法播放某些 CD-RW/-R 和 DVD-R。
- 如果未以 DVD 格式正确录制 DVD-RW/-R，则它将不可播放。
- 如果内容在录制到 DVD-R 上时的采样率超过 10 Mbps，那么播放器将无法播放此内容。
- 如果内容在录制到 BD-R 或 USB 设备上时的采样率超过 25 Mbps，那么播放器将无法播放此内容。
- 对于某些类型的光盘，或者使用特定功能（例如更改视角和调整宽高比）时，播放功能可能不起作用。光盘的相关信息在光盘盒上详细说明。如果需要，请参阅此信息。
- 播放 BD-J 标题时，加载时间可能比普通标题长一些，一些功能可能运行速度较慢。

播放器无法播放的光盘类型

- HD DVD
- DVD-ROM/PD/MV 等等
- DVD-RAM
- 超级音频 CD（CD 层除外）
- DVD-RW（VR 模式）
- CVD/CD-ROM/CDV/CD-G/CD-I/LD（CD-G 只能播放音频，不能播放视频。）
- 用于创作的 3.9 GB DVD-R。

地区代码

播放器和光盘都是按地区编码的。

此类地区编码必须与要播放的光盘相匹配。

如果编码不匹配，光盘将无法播放。

此播放器的“地区编号”位于播放器的后面板上。

光盘类型	地区代码	地区
Blu-ray 光盘	A	北美洲、中美洲、南美洲、韩国、日本、台湾、香港和东南亚。
	B	欧洲、格陵兰、法国未成为省的领土、中东、非洲、澳大利亚和新西兰。
	C	印度、中国、俄罗斯、中亚和南亚。
DVD-VIDEO	1	美国、美国未成为省的领土和加拿大。
	2	欧洲、日本、中东、埃及、南非和格陵兰
	3	台湾、韩国、菲律宾、印度尼西亚和香港
	4	墨西哥、南美洲、中美洲、澳大利亚、新西兰、太平洋群岛和加勒比
	5	俄罗斯、东欧、印度、非洲大部分地区、北朝鲜和蒙古
	6	中国

播放器可播放光盘的徽标

Blu-ray Disc	BD LIVE™
Blu-ray 光盘	BD-LIVE
DIVX HD	PAL
DivX	英国、法国、德国等国家/地区中的 PAL 广播制式

支持的文件格式

USB 连接注意事项

- 播放器支持 USB 存储介质、MP3 播放器、数码相机和 USB 读卡器。
- 此播放器不支持超过 128 个字符的文件夹名称或文件名称。
- 一些 USB, 不支持外部 HDD, 或数码相机设备可能与此播放器不兼容。
- 播放器支持 FAT16、FAT32 和 NTFS 文件系统。
- 将 USB 设备直接连接到播放器 USB 端口。
  通过 USB 电缆连接可能会导致兼容性问题。
- 将多个内存设备连接到多卡读卡器中，可能导致读卡器无法正常操作。
- 播放器不支持 PTP 协议。
- 在“加载”过程中不要断开 USB 设备连接。
- 图像分辨率越大，显示延迟的时间越长。
- 此播放器无法播放从商业网站下载的带有 DRM（数字版权管理）功能的 MP3 文件。

- 播放器仅支持 30fps（每秒帧数）以下的视频。
- 播放器仅支持闪盘和 USB HDD。（不支持 HUB。）
- 某些 USB HDD 设备、多卡读卡器和闪盘可能与本播放器不兼容.
- 如果某 USB 设备需要额外的电源，则它可能会受到电路安全设备限制。
- 如果从 USB HDD 播放不稳定，请通过将 HDD 插入到墙上插座中来提供额外的电源。如果问题仍然存在，请与 USB HDD 制造商联系。
- 必须使用“安全移除 USB”功能移动 USB 存储设备，以避免可能损坏 USB 存储器。按 HOME 按钮移至主屏幕，按黄色 (C) 按钮，然后按 ⏏ 按钮。
- 对于任何数据文件损坏或数据丢失，SAMSUNG 概不负责。
- 播放器不支持 NTSF 压缩的文件、备用文件或加密的文件。.
- 您可以在台式计算机上修复或格式化 USB 设备。（仅限 MS-Windows 操作系统）.

视频文件支持

文件扩展名	容器	视频编解码器	音频编解码器	分辨率
*.avi	AVI	DivX 3.11/4.x/5.1/6.0	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		1920x1080
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

- 限制
  - 即使文件是使用上面提到的受支持编解码器来编码，如果其内容有问题的话，也无法播放。
  - 如果文件的容器信息错误，或者文件本身损坏，则不能保证可以正常播放。
  - 位速率/ 帧速率高于标准的文件在进行声音/ 视频播放时可能会断断续续。
  - 如果文件的索引表损坏，则寻找（跳过）功能不可用。.

- 视频解码器
  - 最高支持 H.264 Level 4.1和 AVCHD
  - 不支持 H.264 FMO/ASO/RS、和 VC1 SP/MP/AP L4
  - XVID、MPEG4 SP、ASP：
    低于 1280 x 720 : 最高 60 帧
    高于 1280 x 720 : 最高 30 帧
  - 不支持 GMC 2 或更高版本。

- 音频解码器
  - 支持 WMA 7、8、9 和 STD
  - 不支持 22050Hz 单声道的 WMA 采样率。
  - AAC： 最高取样率： 96Khz（8、11、12、16、22、24、32、44.1、48、64、88.2、96） 最高位元速率： 320kbps。

音乐文件支持

文件扩展名	容器	音频编解码器	支持范围
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* 采样率 (kHz) – 8、11、16、22、32、44.1、48 * 比特率 – 5kbps 到 384kbps 范围内的所有比特率

图片档案支持

文件扩展名	类型	分辨率
*.jpg *.jpeg *.jpe	JPEG	15360x8640
*.png	PNG	15360x8640

AVCHD (Advanced Video Codec High Definition)

- 本产品可以播放 AVCHD 格式的光盘。 这些光盘通常在摄录机中录制和使用。
- AVCHD 格式是高清晰度数字视频摄像机格式。
- MPEG-4 AVC/H.264 格式压缩图像的效率高于常用的图像压缩格式的效率。
- 一些 AVCHD 光盘使用 “x.v.Color” 格式。
- 本产品可以播放使用 “x.v.Color” 格式的 AVCHD 光盘。
- “x.v.Color” 是 Sony Corporation 的商标。
- “AVCHD” 和 AVCHD 徽标是 Matsushita Electronic Industrial Co., Ltd. 和 Sony Corporation 的商标.

✎ 注意

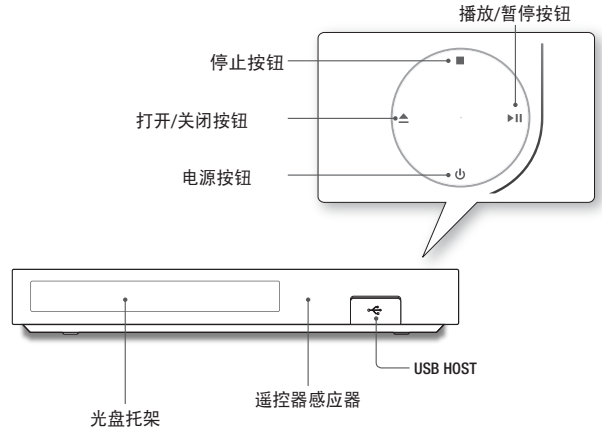
- 一些 AVCHD 格式的光盘可能无法播放，具体视录制条件而定。
  AVCHD 格式的光盘需要最终化。
- “x.v.Color” 提供的颜色范围比普通 DVD 摄录机光盘宽。
- 一些 DivX、MKV 和 MP4 格式的光盘可能无法播放，具体视光盘分辨率和帧速条件而定。.

附件

检查下面列示的随附附件。

HDMI 线缆	遥控器电池（AAA 型）	用户手册	遥控器

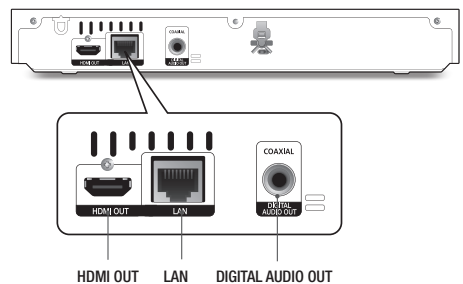
前面板



✎ 注意

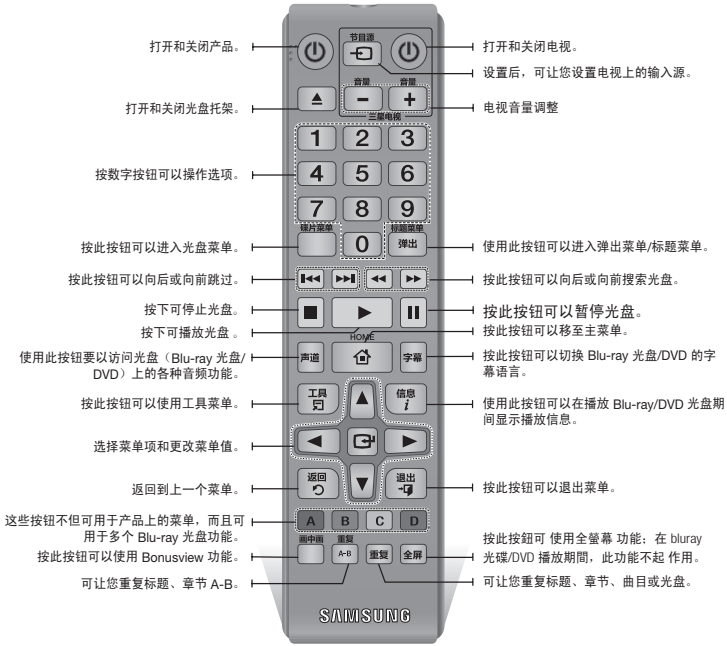
- 播放器显示“Blu-ray 光盘”菜单时，此刻按下播放器或遥控器上的“播放”按钮不能开始播放电影。要播放电影，必须在光盘菜单中选择“播放电影”或“开始”，然后按 按钮.
- 使用带有 USB 闪存棒的 USB Host 插孔即可完成软件升级。.

后面板

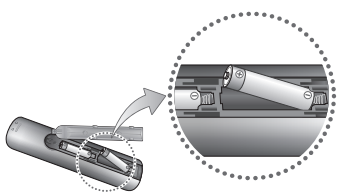


遥控器

遥控器一览



安装电池



✎ 注意

- 如果遥控器无法正常操作：
  - 检查电池的极性 (+/–)。
  - 检查电池是否已放完电。
  - 检查遥控器感应器是否被障碍物挡住.
  - 检查附近是否有荧光灯照明.

! 注意

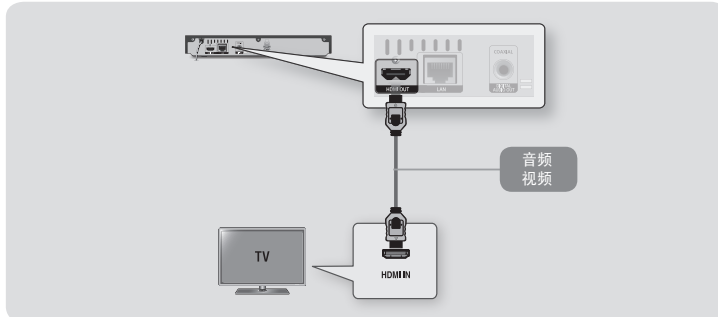
- 根据当地环境法规处置电池。切勿将其放入家庭垃圾。.

连接

连接至电视

将 HDMI 电缆 从产品背面的 HDMI OUT 插孔连接至电视上的 HDMI IN 插孔。

- 在连接好所有其他接线之前，不要将电源线连接至墙上插座。
- 更改连接时，请先关闭所有设备再开始。



✎ 注意

- 如果您使用 HDMI 至 DVI 电缆来连接至显示设备，则还必须将播放器上的 Digital Audio Out 连接至音频系统才能听到声音。
- HDMI 电缆会输出数字视频和音频，因此不需要连接音频电缆。
- 根据电视，某些 HDMI 输出分辨率可能不起作用。请参阅电视的用户手册。
- 使用 HDMI 将播放器连接至电视或新电视，然后第一次打开它时，播放器会自动将 HDMI 输出分辨率设置为电视支持的最高分辨率。
- HDMI 电缆过长时，可能会导致屏幕噪讯。如果发生这种情况，请在菜单中将 HDMI Deep Colour（HDMI 深色）设置为“关闭”。
- 要以 HDMI 720p、1080i 或 1080p 输出模式查看视频，必须使用高速（类别 2）HDMI 电缆。
- HDMI 仅将纯数字信号输出至电视。
  如果您的电视不支持 HDCP（高带宽数字内容保护），屏幕上会出现随机噪讯。

连接至音频系统

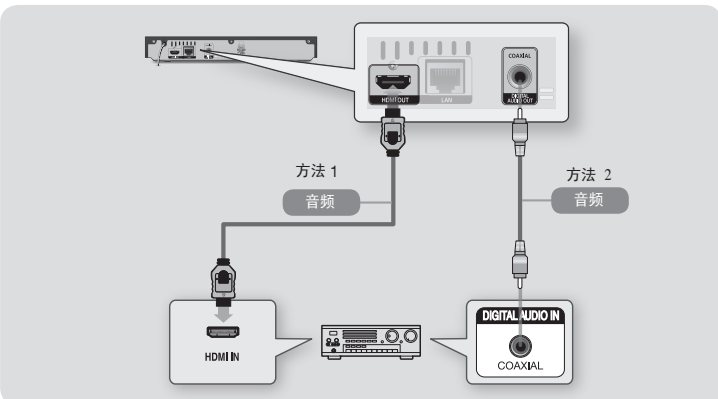
您可以使用下面说明的其中一种方法，将 Blu-ray 播放器连接至音频系统。
- 在连接好所有其他接线之前，不要将电源线连接至墙上插座。
- 更改连接时，请先关闭所有设备再开始.

方法 1 连接至支持 HDMI 的 AV 接收器

- 将 HDMI 电缆 从产品背面的 HDMI OUT 插孔连接至接收器上的 HDMI IN 插孔。
- 最佳质量（建议）

方法 2 连连接至支持 Dolby Digital 或 DTS 解码器的 AV 接收器

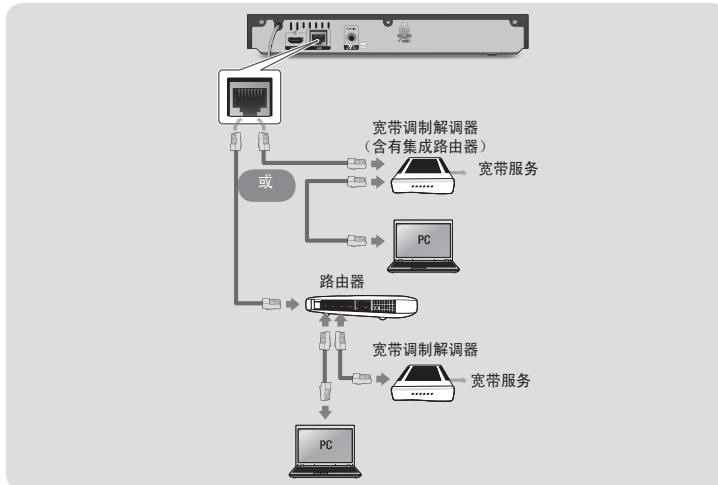
- 使用数字同轴电缆（未提供），将产品上的“同轴数字音频输出”插孔连接至接收器的“数字同轴输入”插孔。
- 一般质量
- 当将“数字输出”设置为 PCM 时，只能通过前面两扬声器听到声音。.



连接至网络路由器

可以使用下面说明的其中一种方法，将播放器连接至网络路由器。
要使用 DLNA 网络功能，必须将计算机连接至网络，如图中所示。.

有线网络



✎ 注意

- 可能无法通过互联网访问 Samsung 的软件升级，具体视所用的路由器或 ISP 的政策而定。有关更多信息，请与您的 ISP（Internet 服务提供商）联系。.
- 对于 DSL 用户，请使用路由器来建立网络连接。.

设置

初始设置过程

- 如果您未配置初始设置，Home 菜单不会出现。
- 升级软件版本后，播放器中的 OSD（屏幕显示）可能会更改。
- 访问步骤可能会因选择的菜单而异。
- 此产品的 载入 程序完成之后，可以操作面板按钮和遥控器。

“初始设置过程”可让您设置 OSD 和菜单语言、配置与家庭网络连接、选择适合电视的高宽比输出（屏幕大小和格式）。

✎ 注意

- 如果不按下面所述配置初始设置，则主菜单不会出现。.
- 如果在网络设置期间按蓝色 (D) 按钮，则可以访问主菜单，即使尚未完成网络设置也是如此.
- 返回到主菜单时，会自动取消全屏幕模式.
- 如果再次要显示初始设置屏幕以进行更改，请在未插入光盘的情况下按产品前面板上的停止 ■ 按钮超过 5 秒钟。这会将播放器重设为其默认设置.
- 此产品的 载入 程序完成之后，随即可以操作 HDMI-CEC 功能。.
- 如果要使用 Anynet+(HDMI-CEC) 功能，请遵循下面的说明操作。.
  1) 使用 HDMI 电缆将播放机连接至 Anynet+(HDMI-CEC) 兼容的 Samsung 电视。
  2) 在电视和播放器上将 Anynet+(HDMI-CEC) 功能设置为“开”.
  3) 将电视设置为初始设置过程。
- 如果播放器保留在停止模式超过 5 分钟未使用，则电视上会出现屏幕保护程序。如果播放器保留在屏幕保护程序模式超过 25 分钟，则电源会自动关闭。

菜单导航

❶	HOME 按钮：按此按钮可移至主菜单。
❷	返回按钮：返回到上一个菜单。
❸	确认/方向按钮： 移动光标或选择项目。 激活当前选中的项目。 确认设置。
❹	退出按钮：按此按钮可以退出当前菜单。

- 主菜单

❶	选择 音乐。
❷	选择 设置。
❸	显示可用的按钮。
❹	选取应用程式
❺	选择 视频。
❻	选择 照片。

✎ 注意

- Videos（视频）、Photos（相片）和 Music（音乐）选项需要您將相应的光碟放入播放 机 中，或將 USB 快闪 装置连接到播放机。

访问设置菜单

要访问“设置”菜单和子菜单，请按照下面的步骤操作：

1. 按电源按钮。
   主菜单将会出现。
2. 按 ◄► 按钮选择设置，然后按确 ⏎ 按钮。
3. 按 ▲▼ 按钮选择所需的子菜单，然后按 ⏎ 按钮。
4. 按 ▲▼ 按钮选择所需的项目，然后按 ⏎ 按钮。
5. 按 退出按钮退出菜单。

✎ 注意

- 访问步骤可能会因选择的菜单而异。升级软件版本后，播放器中的 OSD（屏幕显示）可能会更改。

显示

可以配置各种显示选项，例如电视高宽比、分辨率等。

电视屏幕比例

根据所拥有的电视的类型，您可能要调整屏幕大小设置。

✎ 注意

- 根据光盘类型，一些屏幕比例可能不可用。
- 如果选择不同于电视屏幕的屏幕比例的屏幕比例和选项，则图像可能会变形。

BD Wise (仅限 Samsung 播放器)

BD Wise 是 Samsung 最新的互连功能。

如果使用 BD Wise 将 Samsung 播放器和 Samsung 电视用 HDMI 互相连接，且 BD Wise 在播放器和电视上都打开，播放器将以 Blu-ray 光盘/DVD 的视频分辨率和帧率输出视频。

✎ 注意

- BD Wise 打开时，“分辨率”设置自动默认为 BD Wise，“分辨率”菜单中将显示 BD Wise。
- 如果将播放器连接至不支持 BD Wise 的设备，则不能使用 BD Wise 功能。
- 为了使 BD Wise 正确操作，请在播放器和电视上将 BD Wise 菜单设置为开。

分辨率

可以将和 HDMI 视频信号的输出分辨率设置为 自动、1080p、1080i、720p、或 576p/480p 。数字表示每帧视频的行数。i 和 p 分别表示隔行和逐行扫描。行数越多，质量越高。

根据输出模式的分辨率

- Blu-ray 光盘/E-contents/数字内容播放

设置 \ 输出	HDMI/已连接	
	HDMI 模式	
	Blu-ray 光盘	E-contents/数字内容
BD Wise	Blu-ray 光盘分辨率	1080p
自动	电视输入最大分辨率	电视输入最大分辨率
1080@60F (电影帧：关)	1080@60F	1080@60F
电影帧：自动 (24Fs)	1080@24F	1080@24F
1080i	1080i	1080i
720p	720p	720p
576p/480p	576p/480p	576p/480p

- DVD 播放

设置 \ 输出	HDMI/已连接
	HDMI 模式
BD Wise	576i/480i
自动	电视输入最大分辨率
1080p	1080p
1080i	1080i
720p	720p
576p/480p	576p/480p

✎ 注意

- 如果播放器连接的电视不支持电影帧或选择的分辨率，则消息“如果在选择“是”后未显示图片，请等待 15 秒返回先前分辨率。是否更改分辨率？”将会出现。
  如果选择是，电视屏幕将会空白 15 秒，分辨率将自动还原到先前值。
- 如果更改分辨率后屏幕仍然空白，则取下所有光盘，然后按下播放器前面的 播放/暂停按钮 ■ 按钮并保持 5 秒以上。所有设置都将恢复为出厂默认值。按照上一页中的步骤访问每种模式并选择电视支持的电视设置。
- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。
- Blu-ray 光盘必须具有 24 帧功能，播放器才能使用 电影帧 (24Fs)模式。

电影帧 (24Fs)

将 电影帧 (24Fs)功能设置为 自动，可以将播放器的 HDMI 输出调整为每秒 24 帧，从而提高画面质量。
只能在支持此帧速率的电视上使用 电影帧 (24Fs)功能。只有播放器处于 HDMI 1080p 输出分辨率模式时才可选择电影帧。.

HDMI 颜色格式

设置 HDMI 输出的色空间格式，与相连设备（电视、显示器等）的功能匹配。

HDMI 深色

从 HDMI OUT 插孔带深色输出视频。深色实现颜色深度更深的精确颜色重现。

渐进模式

观看 DVD 时，设置为此项可以提高画面质量。

音频

数字输出

可让您选择适合电视或 AV 接收器的数字音频输出格式. 有关详情，请参阅“数字输出选择”表。

数字输出选择

设置		PCM		源码（未处理）		源码 (DTS 重新编码)	源码 (Dolby D 重新编码)
连接		HDMI 接收器	同轴电缆	HDMI 接收器	同轴电缆	HDMI 接收器或同轴	支持 HDMI 的 AV 接收器或同轴电缆
Blu-ray 光盘上的音频流	PCM	最多 7.1 声道	PCM 2 声道	PCM	PCM 2 声道	重新编码 DTS	重新编码 Dolby Digital*
	杜比数码	PCM 2 声道	PCM 2 声道	杜比数码	杜比数码	重新编码 DTS	重新编码 Dolby Digital*
	Dolby Digital Plus	PCM 2 声道	PCM 2 声道	Dolby Digital Plus	杜比数码	重新编码 DTS	重新编码 Dolby Digital*
	Dolby TrueHD	PCM 2 声道	PCM 2 声道	Dolby TrueHD	杜比数码	重新编码 DTS	重新编码 Dolby Digital*
	DTS	PCM 2 声道	PCM 2 声道	DTS	DTS	重新编码 DTS	重新编码 Dolby Digital*
	DTS-HD High Resolution Audio	PCM 2 声道	PCM 2 声道	DTS-HD High Resolution Audio	DTS	重新编码 DTS	重新编码 Dolby Digital*
	DTS-HD Master Audio	PCM 2 声道	PCM 2 声道	DTS-HD Master Audio	DTS	重新编码 DTS	重新编码 Dolby Digital*
DVD 上的音频流	PCM	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道
	杜比数码	PCM 2 声道	PCM 2 声道	杜比数码	杜比数码	杜比数码	杜比数码
	DTS	PCM 2 声道	PCM 2 声道	DTS	DTS	DTS	DTS
Blu-ray 光盘的清晰度	任意	将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加“导航声音效果”。		仅输出主要特征音频流，因此 AV 接收机可以解码音频源码。您将听不到 BONUSVIEW 音频和“导航声音效果”。		将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加“导航声音效果”，然后将 PCM 音频重新编码为 DTS 源码。	将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加导航声音效果，然后将 PCM 音频重新编码为 Dolby Digital 源码

* 如果源流为 2ch，则不会应用“Dolby D 重新编码”。

Blu-ray 光盘可能包括三种音频流：

- 主要特征音频：具有主要特征的音频音轨。
- BONUSVIEW 音频：导演或学员评论等附加音轨。
- 导航声音效果：选择一些菜单导航时，可能会发出导航声音效果。导航声音效果在每张 Blu-ray 光盘上是不相同的。

✎ 注意

- 请务必选择正确的 数字输出，否则将听不到声音，或者听到很大声的噪讯。
- 如果 HDMI 设备（AV 接收器、电视）与压缩格式 (Dolby digital、DTS) 不兼容，则音频信号输出为 PCM。
- 一般 DVD 没有 BONUSVIEW 音频和导航声音效果。
- 一些 Blu-ray 光盘没有 BONUSVIEW 音频和导航声音效果。
- 如果播放 MPEG 音频音轨，则音频信号会输出为 PCM，而不管音频输出选择为何（PCM 或Beatstream）。
- 如果电视与压缩多声道格式 (Dolby Digital, DTS) 不兼容，则播放器可能会输出 PCM 2 声道缩混音频，即使在菜单上设置了 Beatstream (re-encoded 或 未处理)也是如此。
- 如果电视与超过 48kHz 的 PCM 采样率不兼容，则播放器可能会输出 48kHz 向下取样的 PCM 音频，即使将 PCM 向下取样设置为关也是如此。

PCM 向下取样

可让您选择将 96Khz PCM 信号向下取样为 48Khz，然后再将它们输出至放大器如果放大器或接收器与 96Khz 信号不兼容，请选择“开”。

动态范围控制

可让您将动态范围控制应用于 Dolby Digital、Dolby Digital Plus 和 Dolby True HD 音频。

- 自动：根据 Dolby TrueHD 声道中的信息，自动控制 Dolby TrueHD 音频的动态范围。对于 Dolby Digital 和 Dolby Digital Plus，还会打开动态范围控制。.
- 关：让动态范围保持不压缩状态，以让您听到原始的声音。
- 开：对于所有三种杜比格式，打开动态范围控制。声音越安静则越大声，并会降低大声的音量。

缩混模式

可让您选择与立体声系统兼容的多声道混缩方法。可以选择让播放器混缩为普通立体声或兼容环绕立体声。

网络

开始之前，请与您的 ISP 联系以了解您的 IP 地址是静态的还是动态的。如果它是动态的（在大部分情况下如此），则建议您使用“自动”网络设置过程。 此过程最简单，并且在大部分情况
下都可用。

如果它是静态的，则必须使用手动设置过程。

遵循下列步骤来配置网络设置。

✎ 注意

- 只能通过有线连接将本装置连接至网络.

有线网络设置

1. 在主菜单中，按 ◄► 按钮选择 设置，然后按 ⏎ 按钮.
2. 按 ▲▼按钮选择 网络，然后按 ⏎ 按钮.
3. 按 ▲▼ 按钮选择网络设置，然后按 ⏎ 按钮. 有线网络设置 屏幕将会出现。

4. 在 Internet 协议动置 字段中，如果未选择 自动，则予以选择。(按 ⏎ 选择 自动，然后按 确认。) 然后按 ⏎ 按钮。)
5. “自动”功能会自动获取并填写 IP 地址、子网掩码 等的值。

✎ 注意

- 此过程最多可能需要 5 分钟。

6. 在网络功能获取网络值之后，按返回按钮。
7. 选择 网络测试，然后按 ⏎ 以确保播放器已连接至网络。
8. 网络测试 完成之后，按 返回 两次以返回到主菜单。
9. 如果网络功能不能获取网络值或者您选择手动，请转至“手动设置”的指示.

手动网络设置

在开始手动网络设置之前，需要准备网络设置值。

要将网络设置输入到产品中，请按照下面的步骤操作:

1. 在主菜单中，按 ◄► 按钮选择 设置，然后按 ⏎ 按钮.
2. 按 ▲▼按钮选择 网络，然后按 ⏎ 按钮.
3. 按 ▲▼ 按钮选择网络设置，然后按 ⏎ 按钮. 有线网络设置 屏幕将会出现。
4. 在 Internet 协议设置屏幕上，按 ⏎ 按钮.
5. 按 ▲▼ 按钮选择手动，然后按 ⏎ 按钮.
6. 按 ▼ 按钮转至第一个输入字段（IP 地址）。
7. 使用遥控器上的数字按钮输入数字。
8. 完成每个字段后，使用 ► 按钮相继地移至下一个字段。
   还可以使用其他箭头按钮来上移、下移和返回。

9. 输入 IP 地址、 子网掩码和网关值。.
10. 按 ▼ 按钮转至 DNS。
11. 按 ▼ 按钮转至第一个 DNS 输入字段。
12. 如上面所示输入数字。
13. 按遥控器上的返回按钮。
14. 运行网络测试以确保产品已连接至网络

网络测试

使用此菜单来连接到有线网络或检查网络连接是否正常工作。

手动网络设置

检查是否已建立与网络和 Internet 的连接。

BD-LIVE Internet 连接

选择在您使用 BD-LIVE 服务时是否允许 Internet 连接.

- 允许(全部) : 对所有 BD-LIVE 内容允许 Internet 连接。
- 允许(仅限有效) : 仅对包含有效证书的 BD-LIVE 内容允许 Internet 连接。
- 禁止 : 对所有 BD-LIVE 内容都不允许 Internet 连接。

✎ 注意

- 什么是有效证书？
  当产品使用 BD-LIVE 来将光盘数据和请求传送至服务器以认证光盘时，服务器使用传送的数据来检查光盘是否有效并将证书发送回给产品。
- 使用 BD-LIVE 内容时，Internet 连接可能会受到限制。

使用 BD-LIVE™

旦将播放器连接至网络，就可以使用符合 BD-LIVE 的光盘欣赏各种与电影相关的服务内容。

1. 将 USB 内存棒连接到播放器侧面的 USB 插孔，然后检查剩余内存空间。存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。
2. 插入支持 BD-LIVE 的 Blu-ray 光盘。
3. 从光盘制造商提供的各种 BD-LIVE 服务内容中选择一个项目。

✎ 注意

- 使用 BD-LIVE 的方式和提供的内容可能会因光盘制造商而异。

使用 DLNA 功能

借助 DLNA，您可以在播放器上播放个人计算机、 兼容手机或 NAS 设备上的音乐、视频和照片文件。

要在播放器上使用 DLNA，必须将播放器连接到网络（请参阅第 11~12 页）。
要在计算机上使用 DLNA，必须在计算机上安装 DLNA 软件。
如果您有 兼容手机或 NAS，那么无须其它软件即可使用 DLNA。

要下载 DLNA 软件

4. 访问 www.samsung.com。
5. 单击“服务中心”>“下载中心”，在出现的字段中输入播放器的产品号，然后单击“查看所有结果”。
6. 在下一个屏幕中，单击 Get Downloads under the Downloads menu（在下载菜单下取得下载内容）。
7. 在下一页上单击 Software（软件）。
8. 单击 File（文件）下的 DLNA 行中的图标以开始下载。

系统

初始设置

通过使用 初始设置功能，可以设置语言、网络设置等。
有关 初始设置功能的详细信息，请参阅本手册中的“初始设置”部分。（请参阅第 9 页）.

快速启动

可让您将播放器设置为通过缩短开机时间来快速打开.

✎ 注意

- 如果将此功能设置为开，则待机电源消耗将会提高。.

Anynet+ (HDMI-CEC)

Anynet+ 是一项方便的功能，它提供与具有 Anynet+ 功能的其它 Samsung 播放器相连的操作。
要操作此功能，请使用 HDMI 电缆将播放器连接至 Samsung 电视。
可以使用 Samsung 电视的遥控器操作播放器，并且只需按电视遥控器上的播放(►) 按钮即可开始光盘播放。

✎ 注意

- 如果 HDMI 电缆不支持 CEC，则此功能不可用。
- 如果 Samsung 电视有 Anynet+ 徽标，则它支持 Anynet+ 功能。
- 根据电视，某些 HDMI 输出分辨率可能不起作用。
  请参阅您电视的用户手册。
- 关闭产品之后，重新拔插电源线可让它自动关机。 一小会之后，它会在大约 15 秒钟内自动关闭重新建立 Anynet+ 连线。
- 对于某些电视产品，如果通过 Anynet+ 功能连接至此产品， 开启电视时可能会显示一则警告快显讯息-，说明找不到连线。 然而，Anynet+ 连线已正确建立并可供使用。

BD 数据管理

可让您管理从支持 BD-LIVE 服务的 Blu-ray 光盘下载的内容，这些内容存储在闪存设备中。
可以检查设备信息（包括存储器大小）、删除 BD 数据或更改闪存设备。

✎ 注意

- 在外部存储器模式中，如果在播放期间断开 USB 设备的连接，光盘播放将会停止。
- 播放器支持 FAT16、FAT32 和 NTFS 文件系统。建议您使用支持 USB 2.0 协议且具有 4 MB/秒或更高读/写速度的 USB 设备。
- 格式化存储设备后，继续播放功能可能无法正常工作。
- BD 数据管理的总可用大小可能会因条件而异。

DivX® 视频点播

查看 DivX® VOD 注册代码，购买并播放 DivX® VOD 内容。

语言

可以选择首选用于主菜单、光盘菜单等等的语言.

✎ 注意

- 仅当光盘支持选择的语言时，它才会显示。

安全

第一次操作此菜单时，密码设置屏幕将会出现。
使用数字按钮输入所需的 4 位数密码。

BD 家长分级控制

禁止播放特定年龄分级的 Blu-ray 光盘，除非输入密码。

DVD 家长分级控制

此功能与已指定年龄分级或数字分级的 Blu-ray 光盘/DVD 搭配使用，分级表示内容的成熟度。
这些数字有助于控制家庭观看的 Blu-ray 光盘/DVD 类型。
在家长分级控制中选择您要设置的年龄分级，例如，如果您选择级别 6，则产品将播放 6 级和以下分级的光盘，不能播放 7 级或 8 级的光盘。

更改PIN码

更改用于访问安全功能的 4 位数的密码。

如果您忘记密码

1. 取出光盘。
2. 按下前面板上的播放/暂停按钮 ■ 按钮并保持 5 秒以上。
   所有设置将恢复为出厂默认设置。

✎ 注意

- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。

常规

时区

可以指定适合您所在地区的时区。

支持

软件升级

软件升级菜单可让您升级播放器软件，以提高性能或取得其它服务.

从网络中下载

要通过 从网络中下载，请按照下面的步骤操作：

1. 选择 通过网络，然后按 ⊡ 按钮。消息“链接至服务器”将会出现。
2. 如果有更新可用，将会出现一则弹出消息。
3. 如果您选取 Yes（是）， 下载程序將会开始。（在升级期间，切勿开启播放机。）
4. 更新完成后，播放机会自动重新启动。

✎ 注意

- 当产品在重新启动后关闭时，更新就完成了。按电源按钮打开更新后的产品以进行使用。
- 在更新期间，切勿手动关闭或打开产品。
- 对于不稳定的 Internet 连接或在软件升级期间消费者粗心大意造成的产品功能异常，Samsung Electronics 不承担任何法律责任。
- 使用 从网络中下载 插孔进行软件升级时，光盘托架必须是空的。

从USB升级

要通过 USB 升级，请按照下面的步骤操作：

1. 访问 www.samsung.com/bluraysupport
2. 将最新 USB 软件升级 Zip 存档下载到计算机中。
3. 将 Zip 存档解压到计算机中。 应该生成一个与 Zip 文件名称相同的 RUF 文件。将文件夹复制到 USB 闪存设备。
4. 将 RUF 文件复制到 USB 闪存设备。
5. 确保播放器中无光盘，然后将 USB 闪存设备插入播放器的 USB 端口。
6. 在播放器菜单中，转到设置>支持>软件升级。
7. 选择从USB升级。

✎ 注意

- 使用 USB Host 插孔进行软件升级时，光盘托架必须是空的。
- 软件升级完成后，可在 软件升级菜单中查看软件详细信息。
- 在软件升级期间，不要关闭播放器。可能会导致播放器出现故障。
- 使用 USB Host 插孔执行软件升级时只能使用 USB 闪存棒进行。.

自动升级通知

如果已将播放器连接至网络，然后打开 自动升级通知，则当播放器有新的软件版本可用时，播放器将自动通知您。

要打开 自动升级通知，请按照下面的步骤操作：

1. 选择 自动升级通知，然后按 按钮。
2. 使用 ▲▼ 按钮选择 打开，然后按 按钮.

如果有新的软件版本可用，播放器会通过弹出消息通知您。

1. 如果有更新可用，则会出现一条弹出消息，并询问您是否要升级。如果选择是，则产品会自动关闭，再重新启动，然后开始升级。
   （此时不要手动打开产品。）
2. 更新进度弹出窗口将会出现。
3. 更新完成后，产品会再次自动关闭。
4. 按电源按钮以打开产品。

✎ 注意

- 当产品在重新启动后关闭时，更新就完成了。按电源按钮打开更新后的产品以进行使用。
- 在更新期间，切勿手动关闭或打开产品。
- 对于不稳定的 Internet 连接或在软件升级期间消费者粗心大意造成的产品功能异常，Samsung Electronics 不承担任何法律责任。

联系 Samsung

提供联系信息以协助您使用播放器。

服务协议条款

查看有关第三方内容和服务的一般声明。

重设

所有设置将还原到默认设置，网络设置和 设置除外。

媒体播放

播放商业录制的光碟

1. 按 按钮以打开光盘托架。
2. 轻轻地将光盘推入光盘托架中，光盘的标签向上。
3. 按 按钮以关闭光盘托架。播放将会自动开始。

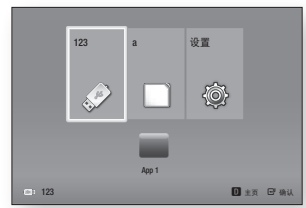
播放 USB 装置上的档案

可以播放位于 USB 存储设备上的多媒体文件。

1. 移至主菜单。
2. 在停止模式中，将 USB 存储设备连接至产品前面板上的 USB 端口。
   将会显示消息“是否要更改设备?”。
3. 按 ◄► 按钮选择是，然后按 按钮.
4. 如果 Blu-ray 播放機中有光碟，請按紅色 (A) 或藍色 (D) 按鈕。 如果沒有，請移至步驟 6.
   如果按红色 (A) 按钮，请转至步骤 5。
   如果按蓝色 (D) 按钮，请转至步骤 4-1。
5. 按 ▲▼ 按钮选择 USB，然后按 按钮.

6. 按 ◄► 按钮选择所需的视频、音乐或照片，然后按 按钮。 转至步骤 7。

4-1. 蓝色 (D) 按钮，将出现以下屏幕。 转至 5-1.



5-1. 按 ◄► 按钮选择 USB，然后按 按钮。

6-1. 按 ▲▼ 按钮选择所需的视频、音乐或照片，然后按 按钮.

7. 将会出现一个画面，其中列出装置的内容，视内容的排列方式而定，您将看到资料夹及个别档案。

8. 必要时，使用 ▲▼◄► 按钮选择文件夹，然后按 ⏎ 按钮。

9. 使用 ▲▼◄► 按钮选择要观看或播放的文件，然后按 ⏎ 按钮。

✎ 注意

- 虽然播放器将显示所有内容类型的文件夹，但是它仅显示在步骤 6 或 6-1 中选择的内容类型的文件。例如，如果您选择了“音乐”，将只能看到音乐文件. 您可以透过回到 Home（首页）画面并重复步骤4来变更此选项。

10. 按 RETURN（返回）按钮一次以上结束目前的画面，结束资料夹或回到 Home 首页画面。 按 EXIT结束按钮以直接回到 Home 首页画面。

✎ 注意

- 必须安全移除 USB 存储设备（通过执行“安全移除 USB”功能），以避免可能损坏 USB 存储器。
  按菜单按钮移至主菜单，然后按黄色 (C) 按钮，接着按 ⏎ 按钮。
- 如果在播放 USB 存储设备时插入光盘，则设备模式会自动更改为 “Blu-ray, DVD 或 CD”.

播放含有用户烧录内容的光盘

您可以播放已在 Blu-ray, DVD 或 CD 光盘上烧录的多媒体文件。.

1. 将用户烧录的光盘放入光盘托架中，光盘的标签面朝上，然后关闭托架。“已连接设备”弹出窗口将会出现。

2. 使用 ◄► 按钮选择要观看或播放的内容类型 - 视频、照片或音乐 - 然后按 ⏎ 按钮。

✎ 注意

- 虽然播放器将显示所有内容类型的文件夹，但是它仅显示在步骤 2中选择的内容类型的文件。例如，如果您选择了“音乐”，将只能看到音乐文件. 您可以透过回到 Home（首页）画面并重复步骤2来变更此选项。

3. 将会出现一个画面，其中列出装置的内容。视内容的排列方式，您将看到资料夹及个别档案。

4. 必要时，使用 ▲▼◄► 按钮选择文件夹，然后按 ⏎ 按钮。

5. 使用 ▲▼◄► 按钮选择要观看或播放的文件，然后按 ⏎ 按钮。

6. 按 RETURN（返回）按钮一次以上结束目前的画面，结束资料夹或回到 Home 首页画面。 按 EXIT结束按钮以直接回到 Home 首页画面。

播放位于 PC 中的内容

若要在 Blu-ray 光碟播放机上播放 位于 PC 中的内容，您必须将 Blu-ray 播放机连接到网络并在 PC 上安装 DLNA 软件。

播放 PC 中的内容

1. 移至主菜单.

2. 按遥控器（装置）上的蓝色 (D) 按钮：.

3. 在随后出现的 Device（装置）画面中，选取 PC。, 然后按 ⏎ 按钮.

4. 使用 ◄► 按钮选择要观看或播放的内容类型 - 视频、照片或音乐 - 然后按 ⏎ 按钮。

✎ 注意

- 虽然播放器将显示所有内容类型的文件夹，但是它仅显示在步骤 4中选择的内容类型的文件。例如，如果您选择了“音乐”，将只能看到音乐文件. 您可以透过回到 Home 首页 画面并重复步骤4来变更此选项 。

5. 将会出现一个画面，其中列出装置的内容，视内容的排列方式而定，您将看到资料夹及个别档案。

6. 必要时，使用 ▲▼◄► 按钮选择文件夹，然后按 ⏎ 按钮。

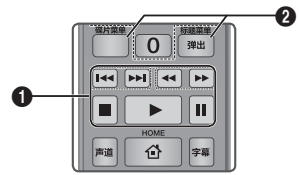
7. 使用 ▲▼◄► 按钮选择要观看或播放的文件，然后按 ⏎ 按钮。

8. 按 RETURN（返回）按钮一次以上结束目前的画面，结束资料夹或回到 Home 首页画面。 按 EXIT结束按钮以直接回到 Home 画面，结束资料夹。

控制视频播放

您可以控制位于 Blu-ray, DVD、CD, USB、移动设备或计算机上的视频内容的播放。根据光盘或内容，本手册中说明的一些功能可能不可用。.

遥控器上用于视频播放的按钮



1 与播放相关的按钮

在“搜索”、“慢动作播放”或“逐个动作播放”模式中，播放器不会播放声音.

- 要恢复正常速度播放，请按 ▶ 按钮.

▶ 按钮	开始播放。
■ 按钮	停止播放。
❚❚ 按钮	暂停播放。
快动作播放	在播放期间，按 ◀◀ 或 ▶▶ 按钮。 每次按 ◀◀ 或 ▶▶ 按钮，播放速度都会发生变化。
慢动作播放	在暂停模式中，按 ▶▶ 按钮。 每次按 ▶▶ 按钮，播放速度都会发生变化。
逐个动作播放	在暂停模式中，按 ❚❚ 按钮。 每次按 ❚❚ 按钮，新的一帧将会出现。
跳过动作播放	在播放期间，按 ◀◀ 或 ▶▶ 按钮。 每次按 ◀◀ 或 ▶▶ 按钮，光盘都会移至前一章/前一个文件或下一章/下一个文件。

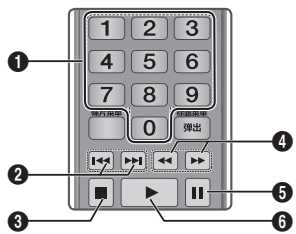
2 使用光盘菜单、标题菜单、弹出菜单和标题列表

DISC MENU 按钮	在播放期间，按此按钮可以显示光盘菜单。
TITLE MENU 按钮	在播放期间，按此按钮可以显示标题菜单。
POPUP MENU 按钮	在播放期间，按此按钮可以显示弹出菜单。

控制音乐播放

您可以控制位于 Blu-ray, DVD、CD、USB、移动设备或计算机上的音乐内容的播放。

遥控器上用于音乐播放的按钮



❶	数字按钮 （仅限音频 CD (CD-DA)）：在“播放列表”播放期间，按所需曲目编号。 将会播放所选择的曲目。
❷	跳过：在播放期间，按 ◀◀ 或 ▶▶ 按钮可移至播放列表的上一页或下一页。
❸	■ 按钮：停止曲目。
❹	快速播放（仅限音频 CD (CD-DA)） 在播放期间，按 ◀◀ 或 ▶▶ 按钮。 每次按 ◀◀ 或 ▶▶ 按钮，播放速度都会发生变化。
❺	暂停：暂停曲目。
❻	▶ 按钮：播放当前选择的曲目。

重复音频 CD (CD-DA)/MP3

1. 在“播放列表”播放期间，按工具按钮。.

2. 按 ◀▶ 按钮选择 曲目, 全部, 随机播放, 或 关.
3. 按 ⏎ 按钮.

关	歌曲将按其录制顺序播放
(⟲) 曲目	将重复播放当前曲目
(⟲) 全部	重复播放所有曲目
(⤮) 随机播放	选择随机将根据随机顺序播放曲目

播放列表

1. 要移至“音乐列表”，请按 ■ 或返回按钮。
   “音乐列表”屏幕将会出现。

2. 按 ▲▼◀▶ 按钮移至所需曲目，然后按黄色 (C) 按钮。此时曲目上会出现一个选中标记。
   重复此步骤以选择其它曲目。
3. 要从列表中移除曲目，移动至曲目，然后按黄色 (C) 按钮。
   曲目上的选中标记将被取消。
4. 完成后，按 ⏎ 按钮。
5. 若要变更播放清单，请回 按钮回到 Music List（音乐清单）。 重复步骤 2、3 和 4。

6. 若要取消播放清单并返回到 Home（首页）画面，请按 Return（返回）或 Exit（结束）按钮。

✎ 注意

- 可以在音频 CD (CD-DA) 上创建最多含有 99 个曲目的播放列表。
- 如果您移除播放清单中的所有曲目，然后按 ⊟ 按钮，则播放机会列出并播放光碟上的所有曲目。

播放照片内容

您可以播放位于 Blu-ray, DVD、CD, USB、移动设备或计算机上的照片内容。

使用工具菜单

在播放期间，按 TOOLS 按钮.

开始播放幻灯片	选择此项开始幻灯片播放。
背景音乐	选择此项可以一边观看幻灯片播放一边听音乐。
缩放	选择此项可以放大图片。（最多放大 4 倍）
旋转	选择此项可以旋转图片。（这会使图片顺时针或逆时针旋转。）
信息	显示图片信息。

✎ 注意

- 根据光盘或存储设备，Tools 菜单可能不相同。
- 要启用背景音乐功能，照片文件必须同音乐文件存储在同一介质中。
  但是，声音质量可能会受到 MP3 文件位速率、照片大小和编码方法的影响。
- 在全屏幕模式中，不能放大字幕和 PG 图片.

附录

故障排除

在请求服务之前，请尝试下列解决方案。.

问题	解决方案
不能使用遥控器执行任何操作。	• 检查遥控器中的电池。它们可能需要更换。 • 在离播放器不超过 6.1 米的距离内操作遥控器。 • 取出电池并按下一个或多个按钮几分钟以使遥控器中的微处理器完全放电，这样来重设遥控器。重新安装电池并重试操作遥控器。 • 在产品内无光盘的情况下，按前面板上的 ■ 按钮超过 5 秒钟。所有设置将恢复为出厂默认设置。 • 按前面板上的 ⏻ 按钮超过 5 秒钟。
光盘不播放。	• 请确保安装光盘时标签向上。 • 检查 Blu-ray 光盘/DVD 的地区代码。
光盘菜单不出现。	• 请确保光盘有光盘菜单。
禁止消息出现在屏幕上。	• 当按无效的按钮时，此消息就会出现。 • Blu-ray 光盘/DVD 的软件不支持该功能（例如，视角）。 • 您请求了超出范围的标题号、章节号或搜索时间。
播放模式不同于“设置菜单”选择。	• 在“设置菜单”中选择的一些功能可能无法正常工作（当光盘未用相应的功能编码时）。
屏幕比例无法更改。	• 屏幕比例在 Blu-ray 光盘/DVD 上是固定的。 • 这并非是播放器存在问题。
无音频。	• 请确保在“音频选项”菜单中选择了正确的“数字输出”。

问题	解决方案
屏幕空白。	• 如果 HDMI 输出设置为电视不支持的分辨率（例如，1080p）， 则可能在电视上看不到图像。 • 在产品内无光盘的情况下，按前面板上的 ■ 按钮超过 5 秒钟。所有设置将恢复为出厂默认设置。 • 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。
忘记 PIN	• 在产品内无光盘的情况下，按前面板上的 ■ 按钮超过 5 秒钟。所有设置（包括密码）将恢复为出厂默认设置。 除非绝对必要，否则不要使用此功能。 • 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。
图像有杂讯或变形	• 请确保光盘不脏或没有刮花。 • 清洁光盘。
没有 HDMI 输出。	• 检查电视与播放器的 HDMI 插孔之间的连接。 • 检查电视是否支持 576p/480p、720p、1080i 或 1080p HDMI 输入分辨率。
HDMI 输出屏幕异常。	• 如果电视不支持 HDCP（高带宽数字内容保护），那么屏幕上将出现雪花信噪。
如果您遇到其它问题	• 转至目录并查找包含有关当前问题说明的用户手册章节，并再次按照程序操作。 • 如果仍然无法解决问题，请与最近的 Samsung 授权服务中心联系。

问题	解决方案
DLNA 功能	
可以看到 DLNA 共享文件夹，但看不到文件。	• DLNA 仅显示视频、照片和音乐文件。不显示其他类型的文件。
视频播放断断续续。	• 检查网络是否稳定。 • 检查网络电缆连接是否正确，以及网络是否超载。
播放器与计算机之间的 DLNA 连接不稳定。	• 相同子网中的 IP 地址应该是唯一的。 如果不是，IP 冲突会引发此种现象。 • 检查是否已启用防火墙。 如果已启用，请禁用防火墙功能。
BD-LIVE	
我无法连接至 BD-LIVE 服务器。	• 使用“网络状态”功能测试网络连接是否成功。 • 检查 USB 内存设备是否已连接到播放器。 • 存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。 可以在“BD 数据管理”中检查可用空间大小。请检查“BD-LIVE Internet 连接”选项是否设置为“允许（全部）”。 • 如果上述检查结束后问题仍然存在，请与内容提供商联系或为播放器更新最新固件。
使用 BD-LIVE 服务时，发生错误。	• 存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。 可以在“BD 数据管理”中检查可用空间大小。

✎ 注意

- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。

维修

如果联系我们对播放器进行维修，在下列情况下可能需要支付管理费：

1. 请求工程师到您家中维修，并且发生的问题并非产品缺陷。
2. 您将机组带至维修中心，但不存在产品缺陷。

进行家庭现场维修或开始维修播放器前，我们会声明管理费用数额。
我们建议您先全面阅读此手册，在线访问 www.samsung.com 搜索解决方案，或者联系 Samsung 客户中心，然后再寻求对播放器进行维修。

规格

常规	重量	1.0 公斤
	尺寸	269 (长) X 193 (宽) X 39 (高) 毫米
	操作温度范围	+5°C 至 +35°C
	操作湿度范围	10 % 至 75 %
USB	类型 A	USB 2.0
	DC 输出	最大 5V 0.5A。
HDMI	视频	1080p、1080i、720p、576p/480p
	音频	PCM 或源码
音频输出	数字音频输出	同轴电缆
网络	以太网	100BASE - TX 端子

- 不支持等于或低于 10Mbps 的网络速度。
- 设计和规格可能会随时更改，恕不提前通知。
- 对于电源和功耗，请参阅贴在播放器上的标签。
- 重量和尺寸均为近似值。

产品内有害物质信息

部件名称	有毒有害物质元素					
	铅（Pb）	汞（Hg）	镉（Cd）	六价铬 Cr（VI）	多溴联苯（PBB）	多溴二苯醚（PBDE）
印制电路板组件	X	O	O	O	O	O
金属部品	X	O	O	O	O	O
电缆	X	O	O	O	O	O
塑料部品	O	O	O	O	O	O

O：部品中有毒有害物质含量在<含量标准>的标准值内
X：部品中有毒有害物质含量超出<含量标准>的标准值

本表格表明机器内部含有有害物质，数据是根据部件类型，由部件制作商提供并在三星电子内部验证后做成的。
某些部品包含的有害物质，按照现在的技术基准不能替代，三星电子一直在为改善此项而努力。

企业标准编号: Q/12JD 5958-2013

符合性和兼容性声明

并非所有光盘都兼容

- 受下面所述限制以及整本手册（包括本用户手册的“光盘类型和特征”一节）中说明的那些限制约束，可以播放的光盘类型有：预先录制的商业 BD-ROM、DVD-VIDEO 和音频 CD (CD-DA) 光盘；BD-RE/-R、DVD-RW/-R 光盘和 CD-RW/-R 光盘。
- 本播放器不能和不用于播放上述光盘以外的光盘。并且由于下面提供的一个或多个原因，上面的一些光盘可能不能播放。
- Samsung 不能保证本播放器将可以播放带有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+ R 和 CD-RW/-R 徽标的每张光盘，并且本播放器可能不会响应所有操作命令或操作每张光盘的所有功能。造成这些光盘及其它光盘与具有新格式或现有格式光盘的兼容性和播放器操作问题的可能原因有：
  - Blu-ray 是新的不断发展的格式，本播放器可能不能操作 Blu-ray 光盘的所有功能，因为一些功能可能是在生产本播放器之后才添加到 Blu-ray 光盘格式的可选附加功能，并且某一些可用的功能可能会延后提供；
  - 本播放器并不支持所有新的和现有的光盘格式版本；
  - 可能会对新的和现有的光盘格式进行修改、更改、更新、改进和补充；
  - 一些光盘的制作方式使得在播放期间只允许使用特定或有限的操作和功能；
  - 带有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+ R 和 CD-RW/-R 徽标的一些光盘可能仍然是非标准化光盘；
  - 一些光盘可能无法播放，具体视其物理状态或录制条件而定；
  - 在制作 Blu-ray 光盘、DVD 软件或生产光盘时可能会出现问题和发生错误；
  - 本播放器的操作方式不同于标准 DVD 播放器或其它 AV 设备；
  - 出于本用户手册中提到的原因和 SAMSUNG 客户服务中心发现和公布的其它原因。
- 如果您遇到光盘兼容性或播放器操作问题，请与 SAMSUNG 客户中心联系。
  还可与 SAMSUNG 客户中心联系，以获取可能存在的有关本播放器的更新。
- 有关播放限制和光盘兼容性的其它信息，请参阅本用户手册的“预防措施”、“在阅读本用户手册之前”、“光盘类型和特征”和“在播放之前”等节。
- 对于 Blu-ray 光盘播放机逐行扫描输出：消费者应注意，并非所有高清电视都完全与本产品兼容，并且可能会导致在图像中显示杂讯。如果发生逐行扫描图像问题，建议用户将连接切换至“标准定义”输出。如果对我们电视机与本产品的兼容性存在疑问，请与我们的客户服务中心联系。

复制保护

- 因为 AACS（高级访问内容系统）已获准成为 Blu-ray 光盘格式的内容保护系统，这类似于对 DVD 格式使用 CSS（内容加扰系统），受 AACS 保护的内容会存在播放、模拟信号输出等特定限制。
  本产品的操作和对本产品的限制可能会因购买时间而异，因为在生产本产品之后，AACS 可能会承继或更改那些限制。另外，BD-ROM 标记和 BD+ 另用作 Blu-ray 光盘格式的内容保护系统，它们施加特定限制，包括对含有 BD-ROM 标记和受 BD+ 保护内容的播放限制。要获取有关 AACS、BD-ROM 标记、BD+ 或本产品的其它信息，请与 SAMSUNG 客户中心联系。
- 许多 Blu-ray 光盘/DVD 在编码时带复制保护。因此，只应将播放器直接连接到电视，不能连接至 VCR。连接至 VCR 可能会导致受复制保护的 Blu-ray 光盘/DVD 产生图像失真。
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SAMSUNG 全球联系方法

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